

THE
ALLENDAAR

FOR THE YEARS

1920 & 1921



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1921

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Calendar

1920

JANUARY		
1	Th	New Year's Day.
2	F	Convocation.
3	S	
4	S	Convocation.
5	M	
6	T	
7	W	
8	Th	
9	F	
10	S	
11	S	Preliminary Examination in Law begins. M. L. Examination begins. D. P. H. Examination begins.
12	M	
13	T	
14	W	
15	Th	Last day of application for admission to the Matric. Examination.
16	F	
17	S	
		University of Calcutta founded, 1857.
18	S	Intermediate Examination in Law begins.
19	M	
20	T	
21	W	
22	Th	
23	F	
24	S	
25	S	} Sri Pañchami.
26	M	
27	T	} Final Examination in Law begins.
28	W	
29	Th	Last day of application for admission to the Intermediate Examinations in Arts and Science. Annual meeting of the Senate.
30	F	
31	S	

CALCUTTA UNIVERSITY ALMANAC, 1920.

FEBRUARY

1	S	Last day of application for admission to the B.A. and B.Sc. Examinations. Last day of application for admission to the L.T. and B.T. Examinations.
2	M	
3	T	
4	W	
5	Th	
6	F	
7	S	
8	S	
9	M	
10	T	
11	W	
12	Th	
13	F	
14	S	
15	S	
16	M	
17	T	
18	W	
19	Th	
20	F	
21	S	
22	S	
23	M	
24	T	
25	W	
26	Th	
27	F	
28	S	
29	S	

CALCUTTA UNIVERSITY ALMANAC, 1920.

MARCH

1	M	Matriculation Examination begins. Last day of application for admission to the Pr. Sc. and Final Doljatra. M.B. Examinations.
2	T	
3	W	
4	Th	
5	F	
6	S	
7	S	
8	M	
9	T	
10	W	
11	Th	
12	F	
13	S	
14	S	{ Intermediate Examinations in Arts and Science begin. Last day of application for admission to the First M.B. Examination.
15	M	
16	T	
17	W	
18	Th	
19	F	
20	S	
21	S	L.T. and B.T. Examinations begin. B.A. Examination begins.
22	M	
23	T	
24	W	
25	Th	
26	F	
27	S	
28	S	
29	M	
30	T	
31	W	

CALCUTTA UNIVERSITY ALMANAC, 1920

APRIL

1	Th	{ Last day of application for admission to the D. P. H. Examination. Good Friday and Easter Holidays begin.
2	F	
3	S	
4	S	B.Sc. Examination begins. Pr. Sc. M.B. and Final M.B. Examinations begin.
5	M	
6	T	
7	W	
8	Th	
9	F	
10	S	
11	S	Chaitra Sankranti.
12	M	
13	T	
14	W	
15	Th	
16	F	
17	S	
18	S	First M.B. Examination begins.
19	M	
20	T	
21	W	
22	Th	
23	F	
24	S	
25	S	
26	M	
27	T	
28	W	
29	Th	
30	F	

CALCUTTA UNIVERSITY ALMANAC, 1920

MAY		
1	S	
2	S	D. P. H. Examination begins. Subebarat.....
3	M	
4	T	
5	W	
6	Th	
7	F	
8	S	
9	S	
10	M	
11	T	
12	W	
13	Th	
14	F	
15	S	
16	S	
17	M	
18	T	
19	W	
20	Th	
21	F	
22	S	
23	S	Dasahara. Last day of application for admission to the M.A. and M. Sc. Examinations.
24	M	
25	T	
26	W	
27	Th	
28	F	
29	S	
30	S	
31	M	

CALCUTTA UNIVERSITY ALMANAC, 1920.

JUNE

1	T	
2	W	
3	Th	
4	F	
5	S	{ Last day of application for admission to the Pro. Law, Inter Law and final Law Examinations.
6	S	
7	M	
8	T	
9	W	
10	Th	
11	F	
12	S	
13	S	
14	M	
15	T	
16	W	
17	Th	
18	F	Rath Jatra.
19	S	Id-ul-fitr.
20	S	
21	M	
22	T	
23	W	
24	Th	
25	F	{ Last day of application for admission to the I.E. and B.E. Examinations.
26	S	
27	S	
28	M	
29	T	
30	W	

CALCUTTA UNIVERSITY ALMANAC, 1920.

JULY

1	Th	
2	F	
3	S	
4	S	[Examinations begin. Preliminary Examination in Law begins. I. E. and B. E. { Last day of application for admission to the M.D., M.S., and M. O. Examinations.
5	M	
6	T	
7	W	
8	Th	
9	F	
10	S	
11	S	Intermediate Examination in Law begins. University of Bombay founded, 1857
12	M	
13	T	
14	W	
15	Th	
16	F	
17	S	
18	S	Final Examination in Law begins.
19	M	
20	T	
21	W	
22	Th	
23	F	
24	S	
25	S	
26	M	
27	T	
28	W	
29	Th	
30	F	
31	S	

AUGUST

1	S	
2	M	
3	T	
4	W	
5	Th	
6	F	
7	S	
8	S	
9	M	
10	T	
11	W	
12	Th	
13	F	
14	S	
15	S	
16	M	
17	T	
18	W	
19	Th	
20	F	
21	S	
22	S	
23	M	
24	T	
25	W	Id-uz zuha.
26	Th	
27	F	
28	S	{ Last day of application for admission to the Prel. Scientific, First and Final M. B. Examinations.
29	S	
30	M	M. A. and M. Sc. Examinations begin.
31	T	

CALCUTTA UNIVERSITY ALMANAC, 1920.

SEPTEMBER		
1 2 3 4	W Th F S	
5 6 7 8 9 10 11	S M T W Th F S	Janmashtami. M.D., M.S., and M.O. Examinations begin
12 13 14 15 16 17 18	S M T W Th F S	{ Last day of application for admission to the M.L. Examination. Perl. Scientific, and Final M.B. Examinations begin. First M.B. Examination begins.
19 20 21 22 23 24 25	S M T W Th F S	} Maharram.
26 27 28 29 30	S M T W Th	

CALCUTTA UNIVERSITY ALMANAC, 1920.

OCTOBER		
1	F	
2	S	
3	S	
4	M	
5	T	
6	W	
7	Th	
8	F	
9	S	
10	S	
11	M	
12	T	
13	W	
14	Th	
15	F	
16	S	
17	S	Durga Puja and Laksmi Puja holidays begin.
18	M	
19	T	
20	W	
21	Th	
22	F	
23	S	
24	S	
25	M	
26	T	
27	W	
28	Th	
29	F	
30	S	
31	S	

CALCUTTA UNIVERSITY ALMANAC, 1920.

NOVEMBER		
1	M	
2	T	
3	W	
4	Th	
5	F	
6	S	
7	S	
8	M	
9	T	} Kali Puja Bhatri Dwitiya
10	W	
11	Th	
12	F	
13	S	
14	S	
15	M	Kartik Puja.
16	T	
17	W	
18	Th	
19	F	
20	S	Jagaddhatri Puja.
21	S	Jagaddhatri Puja.
22	M	
23	T	Fatiha Duwazdaham
24	W	
25	Th	
26	F	
27	S	
28	S	
29	M	
30	T	

CALCUTTA UNIVERSITY ALMANAC, 1926.

DECEMBER

1 2 3 4	W Th F S	
5 6 7 8 9 10 11	S M T W Th F S	
12 13 14 15 16 17 18	S M T W Th F S	M.L. Examination begins.
19 20 21 22 23 24 25	S M T W Th F S	Christmas Holidays begin.
26 27 28 29 30 31	S M T W Th F	

Calendar

1921

JANUARY

1	S	New Year's Day.
2	S	Last day of application for admission to the Matriculation Examination. Preliminary Examination in Law begins.
3	M	
4	T	
5	W	
6	Th	
7	F	
8	S	
9	S	Intermediate Examination in Law begins.
10	M	
11	T	
12	W	
13	Th	
14	F	
15	S	
16	S	University of Calcutta founded, 1857. Final Examination in Law begins.
17	M	
18	T	
19	W	
20	Th	
21	F	
22	S	
23	S	Last day of application for admission to the I. A. and I. Sc. Examinations, and B. A. and B. Sc. Examinations.
24	M	
25	T	
26	W	
27	Th	
28	F	
29	S	
30	S	Last day of application for admission to the L. T. and B. T. Examinations
31	M	

CALCOTTA UNIVERSITY ALMANAC, 1921

FEBRUARY

1	T	
2	W	
3	Th	
4	F	
5	S	
6	S	
7	M	
8	T	
9	W	
10	Th	
11	F	
12	S	
13	S	} Sri Panchami.
14	M	
15	T	
16	W	
17	Th	
18	F	
19	S	
20	S	
21	M	
22	T	
23	W	
24	Th	
25	F	
26	S	
27	S	
28	M	

CALCUTTA UNIVERSITY ALMANAC, 1921.

MARCH

1	T	Matriculation Examination begins.
2	W	
3	Th	
4	F	
5	S	
6	S	I. A. and I. Sc. Examinations begin.
7	M	
8	T	
9	W	
10	Th	
11	F	
12	S	
13	S	• B. A. Examination in Honours begins. L. T. and B. T. Examinations begin.
14	M	
15	T	
16	W	
17	Th	
18	F	
19	S	
20	S	B. A. Examination in Pass begins. Doljatra. Good Friday and Easter Holidays begin.
21	M	
22	T	
23	W	
24	Th	
25	F	
26	S	
27	S	
28	M	
29	T	
30	W	
31	Th	

JUNE

1	W	
2	Th	
3	F	
4	S	
5	S	
6	M	
7	T	
8	W	Id-ul-fitr.
9	Th	
10	F	
11	S	
12	S	
13	M	
14	T	
15	W	Dasahara.
16	Th	
17	F	
18	S	
19	S	
20	M	
21	T	
22	W	
23	Th	
24	F	
25	S	
26	S	
27	M	
28	T	
29	W	
30	Th	

CALCUTTA UNIVERSITY ALMANAC, 1921.

JULY		
1 2	F S	
3 4 5 6 7 8 9	S M T W Th F S	
10 11 12 13 14 15 16	S M T W Th F S	
17 18 19 20 21 22 23	S M T W Th F S	University of Bombay founded, 1857.
24 25 26 27 28 29 30	S M T W Th F S	
31	S	

CALCUTTA UNIVERSITY ALMANAC, 1921.

OCTOBER

1	S	Mahalaya.
2	S	Durga Puja.
3	M	
4	T	
5	W	
6	Th	
7	F	
8	S	
9	S	} Durga Puja.
10	M	
11	T	
12	W	
13	Th	
14	F	
15	S	
16	S	} Lakshmi Puja.
17	M	
18	T	
19	W	
20	Th	
21	F	
22	S	
23	S	
24	M	
25	T	
26	W	
27	Th	
28	F	
29	S	
30	S	} Kali Puja.
31	M	

NOVEMBER

1	T	
2	W	
3	Th	
4	F	
5	S	
6	S	
7	M	
8	T	
9	W	} Jagaddhatri Puja.
10	Th	
11	F	
12	S	
13	S	
14	M	
15	T	
16	W	
17	Th	
18	F	
19	S	
20	S	
21	M	
22	T	
23	W	
24	Th	
25	F	
26	S	
27	S	
28	M	
29	T	
30	W	

DECEMBER

1	Th	
2	F	
3	S	
4	S	
5	M	
6	T	
7	W	
8	Th	
9	F	
10	S	
11	S	
12	M	
13	T	
14	W	
15	Th	
16	F	
17	S	
18	S	
19	M	
20	T	
21	W	
22	Th	
23	F	
24	S.	Christmas Holidays begin.
25	S	
26	M	
27	T	
28	W	
29	Th	
30	F	
31	S	

The University

HONORARY FELLOWS.

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- 1908 The Maharajadhiraj Sir Rameshwar Singh, G.C.I.E., K.C.I.E.,
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- 1909 The Hon'ble Maharaja Sir Manindrachandra Nandi, K.C.I.E. Vidyaranjan,
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- 1917 Sir Rashbehari Ghose, Kt., C.S.I., C.I.E., M.A., D.L., Ph.D.

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- 1873 Mr. Krishnakamal Bhattacharyya, B.L.
- 1879 Dr. P. K. Ray, D. Sc.
- 1884 Nawab Serajul Islam, Khan Bahadur, B.L.
- " Raja Pyarimohan Mukherjee, C.S.I., M.A., B.L.
- " Mr. Suryyakumar Adhikari, B.A.
- 1885 " Isanchandra Basu, M.A., B.L.
- " " Pratapachandra Ghosha, B.A.
- 1887 Rev. Fr. A. Neut, S.J.
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- " Rai Jatindranath Chaudhuri, M.A., B.L.
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(4) Re-appointed in 1917.

(6) Re-appointed in 1919.

(7) Re-appointed in 1920.

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"	¶ (3)	Dr. P. J. Brühl, D.Sc., F.C.S., F.G.S., F.A.S.B., I.S.O.
1906	¶ (3)	Sir Prafullachandra Ray, Kt., C.I.E., D.Sc., Ph.D., F.C.S., F.A.S.B.
"	(4)	The Hon'ble Nawab Sir Syed Shamsul Huda, K.C.I.E., M.A., B.L.
"	¶ (3) (p)	Mahamahopadhyay Dr. Satischandra Vidyabhushan, M.A., Ph.D., F.A.S.B.
1908	†† (5)	Mr. Jnanchandra Ghosh, M.A.
"	†† (5)	Mr. F. C. Turner, M.A.
1909	†† (6)	The Hon'ble Sir Rajendranath Mookerjee, K.C.I.E.
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"	(1) (6)	Dr. Satischandra Bagchi, B.A., LL.B., LL.D.
"	(2) (7)	Shams-ul-Ulama Abu Nasr Muhammad Waheed, M.A.
"	(1) (6)	Rai Saheb Dineschandra Sen, B.A.
1910	(2) (7)	Rai Lalitmohan Chatterjee, Bahadur, M.A.
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1911	(3)	Mr. Birajmohan Majumdar, M.A., B.L.
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"	(3)	Mr. J. R. Barrow, M.A.

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- * Re-appointed in 1912.
- †† Re-appointed in 1913.
- (1) Re-appointed in 1914.
- (2) Re-appointed in 1915.
- (3) Re-appointed in 1916.
- (4) Re-appointed in 1917.
- (5) Re-appointed in 1918.
- (6) Re-appointed in 1919.
- (7) Re-appointed in 1920.
- (a) Fellowship ceased on 31. 3. 20.
- (p) Died in April, 1920.

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- 1911 (3) Rai Saheb Bidhubushan Goswami, M.A.
 " (3) The Hon'ble Mr. Abdul Majid, B.A., LL.B.
 " (3) The Hon'ble Nawab Saiyid Nawab Ali Chaudhuri, Khan Bahadur, C.I.E.
 " (3) Mr. F. W. Südmersen, B.A.
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 1913 (5) Mr. Jaminibhushan Ray, *Kabiraina*, M.A., M.B.
 " (5) Rev. Father F. X. Crohan, S.J.
 " (5) Dr. Hiralal Halder, M.A., Ph.D.
 " (5) Mr. Satischandra Ray, M.A.
 " (5) Rev. Dr. J. Watt, M.A., D.D.
 " (5) Rev. Dr. G. Howells, M.A., Ph.D., B.Litt., B.D.
 1914 (6) Mr. T. S. Sterling, M.A.
 1915 (6) Mr. T. H. Richardson, M.A., B.A.I., M.I.C.E.
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 " (7) Maulavi Muhammad Irfan, M.A.
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 " (7) W. E. Griffith, M.A.
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 " Mr. W. C. Wordsworth, M.A.
 " Apurbachandra Dutta, B.A. (Cantab).
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 " The Hon'ble Mr. F. A. A. Cowley, C.I.E.
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 " Mr. K. L. Datta, M.A.
 " Rev. A. B. Johnstone, M.A.

-
- (3) Re-appointed in 1916.
 (4) Re-appointed in 1917.
 (5) Re-appointed in 1918.
 (6) Re-appointed in 1919.
 (7) Re-appointed in 1920.

- 1919 Mr. J. M. Bottomley, B.A. (Oxon).
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 " Khan Bahadur Ahsanullah, M.A.
 " Aga Md. Kazim Shirazi.
 " Dr. H. Suhrawardy, F.R. C.S., L.M., M.D.
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 The Hon'ble Mr. Kaminikumar Chanda, M.A., B.L.
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 Barrister-at-Law.
 Nawab A. F. M. Abdur Rahman, Khan Bahadur, Barrister-at-Law.
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 Mr. Bijankumar Mukerjee, M.A., M.L.
 Mr. S. C. Ray, B.A., LL.B., Barrister-at-Law.

FACULTY OF MEDICINE.

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Lt.-Col. B. H. Deare, M.B., D.P.H., M.R.C.P., I.M.S.

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Sir Kailaschandra Basu, Kt., C.I.E., O.B.E., L.M.S.
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 Dr. H. Suhrawardy, F.R.C.S., L.M., M.D.
 Lt.-Col. J. C. H. Leicester, M.D., I.M.S.

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Rai Bahadur, Sailendranath Banerjee, B.E.
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SYNDICATE FOR THE YEAR 1920.

The Chairman.

The Hon'ble Sir Nilratan Sircar, Kt., M.A., M.D., *Vice-Chancellor.*

Members.

The Hon'ble Mr. W. W. Hornell, C.I.E., M.A.,—Director of Public Instruction, Bengal.

THE ASSISTANT CONTROLLER

9

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„ J. N. Das Gupta, B.A. (Oxon).
Rev. Dr. W. S. Urquhart, M.A., D.Phil.
The Hon'ble Dr. A. Suhrawardy, M.A., Ph.D.

ELECTED BY THE FACULTY OF ARTS.

Mr. Manmathanath Ray, M A , B L.
Mr. Charuchandra Biswas, M A , B L.
Mr. D. R. Bhandarkar, M A
„ Pramathanath Banerjee, M A., B L.

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Dr. P. J. Brühl, I.S.O., D Sc., F.C S., F.G.S.

ELECTED BY THE FACULTY OF LAW.

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Mr. Birajmohan Majumdar, M.A., B.L.

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Rai Bahadur Dr. P. N. Brahmachari, M.A., M.D., Ph D
Lt Col B H Deane, M B, M.R.C.P., D P H., I.M.S

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Mr. T. H. Richardson, M A., B A L., M.I.C.E

THE REGISTRAR

Mr. J. C. Ghosh, M.A.

THE ASSISTANT REGISTRAR

Mr. Chandrabhushan Maitra, M.A

THE CONTROLLER OF EXAMINATIONS

Rai Abinashchandra Bose, Bahadur, M.A.

THE ASSISTANT CONTROLLER.

Mr. Narendranath Sen, M.A., B.Sc.

PREMCHAND ROYCHAND STUDENTS

THE INSPECTOR OF COLLEGES.

Mr. J. C. Ghosh, M.A., 1918, (on deputation).
Dr. H. C. Mookerjee, M.A., Ph.D., Offg. 1920.

PREMCHAND ROYCHAND STUDENTS.

1919	Banerjee, Pramathanath, M.A., B.L.	...	Presidency College
"	{ Acharyya, Dhireschandra, M.A.	...	University Student
"	{ Bhattacharyya, Haridas, M.A.	...	Scottish Churches College
"	Saha, Dr. Meghnad, D.Sc.	...	Presidency College

EX-STUDENTS.

1868	Mukhopadhyay, Asutosh	...	Presidency College
1869	Basu, Anandamohan	...	Ditto
1870	De, Gaurisankar	...	Ditto
1871	Mitra, Saradacharan	...	Ditto
1872	" Kartikchandra	...	Ditto
1873	Mukhopadhyay, Girijabhushan	...	Ditto
1874	*Bandyopadhyay, Biharilal	...	Ditto
1876	*Batavyal, Umeschandra (for 4 years)	...	Sanskrit College
1877	{ *Mulraj	...	Lahore College
1877	{ Basu, Nandakrishna (for 4 years)	...	Presidency College
1878	*Lahiri, Prasannakumar	...	Ditto
1879	*Kennedy, Pringle	...	Teacher
1880	*Majumdar, Nilkantha	...	Presidency College
1881	*Agasti, Suryyakumar	...	Ditto
1882	*Gupta, Asutosh	...	Ditto
1884	*Majumdar, Ramchandra	...	Presidency College
1885	*Bandyopadhyay, Rajendrachandra	...	Sanskrit College
1886	*Mukhopadhyay, Asutosh	...	Presidency College
1888	{ *Trivedi, Ramendrasundar	...	Ditto
1888	{ *Basu, Abinaschandra	...	Ditto
1890	*Majumdar, Upendralal	...	Ditto
1891	*Wheeler, Edward Montague	...	Bishop's College
1891	{ Bhattacharyya, Janakinath	...	Sanskrit College
1891	{ Datta, Hirendranath	...	Presidency College
1892	*Ghatak, Mohinikanta	...	Ditto
1893	*Holland, Florence Mary	...	Private Student
1894	*Bhaduri, Jyotibhushan	...	Presidency College
1895	*Bandyopadhyay, Satischandra	...	Agra College
1896	*Chakrabarti, Jnansaran	...	Presidency College
1897	*Sarkar, Jadunath	...	Ditto
1898	*Brahmachari, Indubhushan	...	Ditto
1899	*Sen, Priyanath	...	Ditto
1900	*De, Krishnaprasad	...	Presidency College and General Assembly's Institution
1901	*Bhattacharyya Krishnachandra	...	Presidency College
1902	*Sen, Jatindranath	...	Ditto
1903	*Mukhopadhyay, Adityanath	...	F. C. of Scotland's Institution and Duff College

* Mouat Medalists.

SUCCESSION LISTS

11

1904	*Gangopadhyay, Phanindralal	..	Presidency College
1905	*Mukhopadhyay, Radhakumud	..	Ditto
1906	*Niyogi, Panchanan	...	Ditto
1907	*Ghosh, Praphullachandra	...	Ditto
1908	*Basak, Nabagauranga	...	Ditto
1910	*Bagchi, Haridas	...	Non-Collegiate Student
"	*Sarker, Anukulchandra	..	Dacca College
1911	*Sengupta, Hemendrakumar	...	Non-Collegiate Student
"	*Ray, Manmathanath	...	Ditto
"	*Majumdar, Surendranath	...	Ditto
1912	*" Rameschandra	...	Ditto
1913	*De, Bimanjibhari	..	University Student
"	*Mukhopadhyay, Girindralal	...	Scottish Churches College
"	*Bandyopadhyay, Gauranganath	...	Presidency College
1914	*Mukhopadhyay, Bhujangabhushan	...	Ditto
"	*Gangopadhyay, Surendramohan	...	Ditto
1915	*Mukhopadhyay, Radhakamal	...	Ditto
"	*Law, Narendranath	...	Ditto
"	*Bandyopadhyay, Sudhansukumar	...	Ditto
1916	*Datta, Dr. Rasiklal	...	Ditto
"	Ghosh, Dr. Brajendranath	...	University Student
"	Chattopadhyay, Sunitikumar	...	Presidency College
"	Mitra, Susilkumar	...	University Student
1917	De, Susilkumar	...	Presidency College
"	Sen, Surendranath	...	University Student
"	Datta, Bibhutibhushan	...	Presidency College
1918	Bhattacharyya, Mohinimohan	...	Ditto
"	Mitra, Panchanan	...	Ditto
"	Ghosh, Jnanendrachandra	...	Ditto

SUCCESSION LISTS FROM 1857

CHANCELLORS

- 1857 The Right Hon'ble Charles John, Earl Canning.
 1862 The Right Hon'ble James Bruce, Earl of Elgin and Kincardine, K.T., G.C.B.
 1863 The Right Hon'ble Sir John Laird Mair Lawrence, Bart, G.C.B., K.C.S.I.
 1869 The Right Hon'ble Richard Southwell Bourke, Earl of Mayo, K.P.
 1872 The Right Hon'ble Francis Baron Napier of Merchistoun, K.T.
 " The Right Hon'ble Thomas George Baring Baron Northbrook, P.C.
 1876 The Right Hon'ble Edward Robert Lytton, Bulwer Lytton, Baron Litton.
 1880 The Most Hon'ble Sir George Frederick Samuel Robinson, K.G., P.C., Marquis of Ripon.
 1885 The Right Hon'ble Sir Frederic Temple Hamilton Temple, Earl of Dufferin, K.P., G.C.B., G.C.M.G., P.C., F.R.S., D.C.L.
 1888 The Most Hon'ble Henry Charles Keith, Marquis of Lansdowne, G.C.M.G.
 1894 The Right Hon'ble Victor Alexander Bruce, Earl of Elgin and Kincardine, P.C., LL.D., D.Litt.
 1899 The Right Hon'ble George Nathaniel Baron Curzon of Kedleston, M.A. F.R.S., P.C., C.M.S.I., G.M.I.E.
 904 The Right Hon'ble Arther Oliver Villiers, Baron Amphilhill, G.C.I.E.

*Mouat Medalist.

- 1904 The Right Hon'ble George Nathaniel Baron Curzon of Kedleston, M.A., F.R.S., P.C., G.M.S.I., G.M.I.E.
 1905 The Right Hon'ble Sir Gilbert John Elliot-Murray-Kynynmound, P.C., G.C.M.G., Earl of Minto.
 1911 The Right Hon'ble Charles Baron Hardinge of Penshurst, M.A., LL.D., P.C., G.C.B., G.C.M.G., G.C.V.O., G.M.S.I., G.M.I.E., I.S.O.
 1916 The Right Hon'ble Sir Frederic John Napier Thesiger, P.C., G.C.S.I., G.C.M.G., G.C.I.E., Baron Chelmsford.

LECTORS.

- 1904 The Hon'ble Sir Andrew Henderson Leith Fraser, K.C.S.I., M.A., LL.D.
 1906 The Hon'ble Mr. L. Hare, C.S.I., C.I.E.
 " The Hon'ble Mr. F.A. Slacke, C.S.I., B.A.
 " The Hon'ble Sir Andrew Henderson Leith Fraser, K.C.S.I., M.A., LL.D., D.Litt.
 1909 The Hon'ble Sir Edward Norman Baker, K.C.S.I.
 1911 The Hon'ble Sir Frederic William Duke, K.C.I.E., C.S.I.
 1912 The Right Hon'ble Thomas David Gibson, Baron Carmichael of Skirling, G.C.I.E., K.C.M.G., M.A.
 1917 The Right Hon'ble Lawrence John Lumley Dundas, Earl of Ronaldshay, G.C.I.E.

*Date of
appointment*

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- 24th January, 1857 The Hon'ble Sir James William Colville, Kt.
 25th " 1859 The Hon'ble William Ritchie
 8th April, 1862 The Hon'ble Claudius James Erskine
 17th March, 1863 The Hon'ble Henry Sumner Maine, LL.D.
 28th " 1867 The Hon'ble Mr. Justice W. S. Seton-Karr, C.S.
 22nd April, 1869 The Hon'ble E. C. Bayley, C.S.I., C.S.
 18th March 1875 The Hon'ble Arthur Hobhouse, Q.C.
 30th " 1877 The Hon'ble Mr. Justice William Markby, M.A.
 6th Sept., 1878 The Hon'ble Sir Alexander Arbuthnot, K.C.S.I., C.I.E.
 19th March, 1880 The Hon'ble Mr. Justice Arthur Wilson, M.A.
 2nd February 1883 The Hon'ble H. J. Reynolds, B.A., C.S.
 5th " 1886 The Hon'ble C. P. Ilbert, M.A., C.S.I., C.I.E.
 2nd Nov., 1886 The Hon'ble W. W. Hunter, B.A., C.S.I., C.I.E., LL.D., C.S.
 10th June, 1887 The Hon'ble Sir William Comer Petheram, Kt., Q.C.
 1st January, 1890 The Hon'ble Mr. Justice Gooroo Dass Banerjee, M.A., D.L.
 1st " 1893 The Hon'ble Mr. Justice Jones Quain Pigot, B.A.
 19th Dec., " Sir Alfred Croft, K.C.I.E., M.A.
 1st January, 1897 The Hon'ble Mr. Justice F. J. Trevelyan.
 10th May, 1898 The Hon'ble Sir Francis William Maclean, Kt., K.C.I.E., Q.C., M.A.
 24th August, 1900 The Hon'ble Sir Thomas Releigh, K.C.S.I., M.A., D.C.L.
 2nd April, 1904 Sir Alexander Pedler, Kt., C.I.E., F.R.S.
 31st March, 1906 The Hon'ble Mr. Justice Asutosh Mookerjee, *Saraswati, Sastra-Vachaspati*, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D., F.R.A.S., F.R.S.E., F.A.S.B.
 31st " 1914 The Hon'ble Sir Devaprasad Sarvadhikary, *Suriratna Vidyaratnakar*, C.I.E., M.A., LL.D.
 31st " 1918 The Hon'ble Sir Lancelot Sanderson, Kt., K.C., M.A., LL.B.
 31st " 1910 The Hon'ble Sir Nilratan Sircar, Kt., M.A., M.D.

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ARTS

- 1857 The Rev. Alexander Duff, D.D., LL.D.
 1858 The Right Rev. Lord Bishop G. E. L. Cotton, M.A., D.D.
 1859 The Rev. W. Kay, D.D.
 1860 The Rev. Alexander Duff, D.D., LL.D.
 1861 The Right Rev. Lord Bishop G. E. L. Cotton, M.A., D.D.
 1862 The Venerable Archdeacon J. H. Pratt, M.A., F.R.S.
 1863 The Right Rev. Lord Bishop G. E. L. Cotton, M.A., D.D.
 1865 The Venerable Archdeacon J. H. Pratt, M.A., F.R.S.
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 1908 The Hon'ble Sir Asutosh Mookerjee, *Saraswati, Sutra-Vachaspati*, Kt.,
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SCIENCE.

- 1906 G. W. Kuchler, Esq., M.A.
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 1876 The Hon'ble Mr. Justice W. Markby, M.A.

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 1896 G. Bomford, Esq., M.D.
 1898 Rai Suryyakumer Sarbadhikari, Bahadur

- 1899 Lt-Col. C. H. Joubert, M.B., F.R.C.S.
 1900 Major J. B. Gibbons, I.M.S.
 1901 Lt-Col. G. Bomford, C.I.E., M.D., I.M.S.
 1904 Lt-Col. G. F. A. Harris, M.D., E.R.C.P., I.M.S.
 1906 Lt-Col. C. P. Lukis, M.D., F.R.C.S., I. M.S.
 1907 Dr. Nilratan Sircar, M.A., M.D.
 1908 Lt-Col. C. P. Lukis, M.D., F.R.C.S., I.M.S.
 1910 Lt-Col. F. J. Drury, M.B., I.M.S.
 1911 Lt-Col. J. T. Calvert, M.B., M.R.C.P., I.M.S.
 1912 Lt-Col. F. J. Drury M.B., I.M.S.
 " Lt-Col. J. T. Calvert, M.B., M.R.C.P., I.M.S.
 1913 Lt-Col. B. H. Deare, M.B., M.R.C.P., I.M.S.
 1914 Lt-Col. J. T. Calvert, M.B., M.R.C.P., I.M.S.
 1919 Lt-Col. B. H. Deare, M.B., M.R.C.P., D.P.H., I.M.S.

ENGINEERING.

- 1857 The Hon'ble General Low, C.B.
 1858 The Hon'ble H. Ricketts
 1859 Col. Baird Smith, C.B.
 1861 The Hon'ble General Sir R. Napier
 1864 Capt E. C. S. Williams, R.E.
 1866 Major G. Chesney, R.E.
 1867 Col. J. E. T. Nicolls, R.E.
 1872 H. Leonard, Esq., C.E.
 1873 Col. H. Hyde, R.E.
 1875 Col. J. E. T. Nicolls, R.E.
 1876 Col. F. J. Tennant, R.E.
 " T. S. Isaac, Esq. C.E.
 1879 General A. Cadell, R.E.
 1880 Col. F. S. Stanton, R.E.
 1881 Major J. Eckford, R.E.
 " H. Levinge, Esq., C.E.
 1883 The Hon'ble Col. S. T. Trevor, R.E.
 1887 Col. C. W. J. Harrison, R.E.
 1890 Col. J. M. McNeile, R.E.
 1892 C. W. Odling, Esq., M.E., M.I.C.E.
 1895 J. H. Apjohn, Esq., M.A., M.I.C.E.
 1897 D. B. Horn, Esq., F.C.H.
 1898 The Hon'ble Mr. R. B. Buckley, M.I.C.E.
 1901 J. S. Slater, Esq.
 1902 The Hon'ble Mr. D. B. Horn, F.C.H.
 1903 J. S. Slater, Esq.
 1904 D. B. Horn Esq., F.C.H.
 1905 The Hon'ble Mr. W. A. Inglis
 1909 B. Heaton, Esq.
 " The Hon'ble Mr. A. S. Thomson
 1910 B. Heaton, Esq.
 1911 P. Brühl, Esq., M.I.E.E., F.C.S., F.G.S., F.A.S.B.
 1912 B. K. Finnimore Esq.,
 1914 The Hon'ble Mr. B. K. Finnimore
 " B. Heaton, Esq.
 1920 The Hon'ble Mr. F. A. A. Cowley, C.I.E.

REGISTRARS.

- 1857 William Grapel, Esq., M.A.

- 1858 H. Scott-Smith, Esq., B.A.
 1862 J. G. Medlicott, Esq., B.A. } *Officiating*
 " Rev. J. Richard, M.A. }
 1863 H. Scott-Smith, Esq., B.A.
 1864 J. Sutcliffe, Esq., M.A., *Officiating*
 1865 J. Sutcliffe, Esq., M.A.
 1873 W. G. Wilson, Esq., M.A., *Officiating*.
 " J. Sutcliffe, Esq., M.A.
 1875 H. Woodrow, Esq., M.A.
 " W. G. Wilson, Esq., M.A. } *Officiating*
 " J. Sutcliffe, Esq., M.A. }
 1876 J. Sutcliffe, Esq., M.A. } *Officiating*
 " A. W. Croft, Esq., M.A. }
 1877 Charles H. Tawney, Esq., M.A.
 1879 J. Elliot, Esq., M.A., *Officiating*.
 " Charles H. Tawney, Esq., M.A.
 1882 G. Bellett, Esq., M.A.
 1884 J. Elliot, Esq., M.A., *Officiating*.
 " Charles H. Tawney, Esq., M.A., *Officiating*.
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IV

University Professorships

1

TAGORE LAW PROFESSORSHIP

The Hon'ble Prosunno Coomaz Tagore, C.S.I., one of the Fellows of the University, who died on the 30th August, 1868 bequeathed by his will, dated the 10th October, 1862, to the University a monthly allowance of Rs. 1,000 for the purpose of founding a Professorship of Law in connection with the University to be called the "Tagore Law Professorship." The terms of the bequest are given in the following extract from the will (4 Bengal Law Reports, O.C.J. 103, at 116.)

"I am desirous of founding a Law Professorship to be called 'The Tagore Law Professorship' and of providing an adequate remuneration for the Professor who shall fill the chair provided by me. I direct that my Trustees or Trustee do and shall, as soon as may conveniently be after my death, invest, in Government Securities, such a sum of money taken from my personalty or, by degrees, from the income of my real estate at the discretion of my Trustees or Trustee, as will produce the monthly sum of Rs. 1,000, and that when such sum has been invested, the same may be assigned, transferred and made over to the University of Calcutta, to be held upon the following trusts, that is to say, in trust to pay out of the interest accruing due therefrom the annual sum of Rs. 10,000* by equal monthly payments to the Tagore Law Professor, for the time being, and in trusts to apply the residue of the interest in the manner hereinafter mentioned. And I desire that until such sum shall have been so invested and made over as hereinbefore directed, my said Trustees or Trustee shall either from the proceeds of my personal estate or from the rents, issues, and profits arising from my real property, pay the sum of Rs. 1,000 a month to the University of Calcutta to be applied by the University in the same manner and for the same purposes as the interest to accrue due from the funds which I have hereinbefore directed to be made over to the University. And I declare that the right of appointing a Professor to the said "Tagore Law Professorship," and removing or dismissing the incumbent therefrom shall be vested in the Senate of the University. And that the first appointment shall be made so as to begin to take effect not later than the end of one year from the date of death: my will is that the 'Tagore Law Professor' shall read or deliver at some place within the town of Calcutta, one complete course of Law lectures without charge, to the students and other persons who may attend such lectures. Within six months after the delivery of each course of lectures, the lectures shall be printed and not less than 500 copies

*The present salary is Rs. 9000 per annum.

thereof shall be distributed* gratuitously. I desire that the expense of such printing and distribution may be defrayed out of the residue of the annual interest of the said fund. Whatever portion of the residue may remain after defraying the expenses, I desire that it may be devoted to the printing and publication of approved works on Law of Jurisprudence. It is my will that the said 'Tagore Law Professorship' shall save as herein provided, be as to the kind of Law which is to be taught and in all other matters and things regulated by and subject to the control of the Senate of the said University.

The Senate has adopted the following scheme for the lectures :

1. In the month of June in each year, the Faculty of Law shall select not more than three subjects upon one of which the Professor for the following year shall be required to deliver a course of at least twelve lectures.

2. Immediately after the subject or subjects shall have been thus selected, advertisements shall be published in such newspapers as the Syndicate may think proper, stating the subject or subjects so selected and inviting applications from candidates for the Professorship.

3. Candidates shall send in their applications to the Registrar on or before the 1st May following, and each candidate shall forward with his application one hundred copies of a brief synopsis of his proposed lectures and, if he so pleases, the same number of copies of his introductory lecture.

4. The copies of the introductory lectures and the brief synopses so sent shall be referred to a Committee of the Faculty of Law, consisting of five members to be chosen by the Faculty, who shall consider the same and report thereon to the Faculty, who shall recommend a candidate to the Senate for election.

5. The election of the Professor shall take place in the month of August

5A. That if no application is received in accordance with Rule 3, or if the Faculty of Law are satisfied, upon the report of the Committee mentioned in Rule 4, that Introductory Lectures and the brief synopses submitted by the candidates do not evince sufficient merit to justify the appointment of any of them as Professor, the Faculty shall take steps to invite a suitable scholar to accept the appointment and to deliver a course of lectures on such subject as may be determined by the Faculty in consultation with him. The name of the person so nominated together with the names of the original applicants shall be submitted to the Senate with a full report by the Faculty on the matter. The Senate shall then elect a Professor or give such further directions as may be deemed necessary.

6. The Professor, whether elected under Rules 5 or 5A, shall, not later than the expiry of twelve months from the date of his election, forward to the Registrar a complete copy (manuscript or type written) of the lectures which he proposes to deliver. The copy shall be forthwith referred to a Committee of the Faculty of Law, consisting of not more than three members to be chosen by the Faculty, who shall examine the same, and, before the expiry of two months from the date of the submission of the copy by the Professor to the Registrar, report to the Faculty whether the work is complete and ready for the Press. If, upon such report, the Faculty are satisfied that the work is complete, the Professor shall commence to

The Syndicate has laid down the following rules for the distribution of the books.

That copies of the lectures be distributed gratis only to such students as shall have attended 75 per cent, of the lectures delivered by the Tagore Professor of Law, and shall have obtained not less than 40 per cent, of the marks in the examination held by him.

deliver his lectures within three months from the date of the resolution of the Faculty and shall complete the delivery thereof in another three months. The copy of the lectures delivered shall remain in the custody of the Registrar and shall be sent to Press as soon as practicable after delivery thereof.

7 If the Professor fails to submit the copy of the lectures as required by Rule 6 or, if the copy submitted be found on examination to be incomplete and not ready for the Press, the matter shall be referred to the Faculty of Law upon whose recommendation the Senate may either extend the time or cancel the appointment. In the event of the appointment being cancelled, the Senate shall take fresh steps for the appointment of a Professor.

8. The salary of the Professor shall be paid in twelve equal monthly instalments, the first instalment to be paid on the first day of the month following that in which the first lecture is delivered

PROFESSORS.	SUBJECTS
1870 Herbert Cowell, Esq	The Hindu Law, being a Treatise on the Law administered exclusively to Hindus
1871 Herbert Cowell, Esq.	Do Do
1872 Herbert Cowell, Esq	The History and Constitution of the Courts and Legislative Authorities in India
1873 Mr. Shama Charan Sarkar	The Mahamedan Law, being a Digest of the Sunni Code
1874 Mr. Shama Charan Sarkar	The Mahomedan Law, being a Digest of the Sunni Code in part and of the Imamiya Code.
1875 Arthur Phillips, Esq	The Law relating to the Land Tenures of Lower Bengal
1876 Dr. Rashbehary Ghosh	The Law of Mortgage in India
1877 Ernest John Trevelyan, Esq	The Law relating to Minors in Bengal
1878 Dr. Gooroo Dass Banerjee	The Hindu Law of Marriage and Stridhan
1879 Dr. Trailokyanath Mitra	The Law relating to the Hindu Widow.
1880 Mr. Rajkumar Sarbadhikari	The Principles of the Hindu Law of Inheritance.
1881 William Fischer Frew, Esq	The Law of Trusts in British India.
1882 Mr. Upendranath Mitra	The Law of Limitation and Prescription in British India.
1883 Dr. Julius Jolly	Outlines of a History of the Hindu Law of Partition, Inheritance and Adoption
1884 Ameer Ali, Esq.	The Law relating to Gifts, Trusts and Testamentary Dispositions among the Mahomedans.
1885 Mr. Krishna Kmal Bhattacharyya.	The Law relating to the Joint Hindu Family.

PROFESSORS.	SUBJECTS.
1886 K. M. Chatterjee, Esq.	.. The Law relating to the Transfer of Immovable Property <i>inter vivos</i> .
1887 Gilbert Henderson, Esq	... The Law relating to Wills in India.
1883 Mr. Golapchandra Sarkar	.. The Law of Adoption in India.
1889 Mr. Lalmohan Doss	... The Law of Riparian Rights, Alluvian and Fishery.
1890 T. A. Pearson, Esq.	... The Law of Agency in British India.
1891 Pandit Prannath Saraswati	. The Hindu Law of Endowments
1892 Maulavi Mohammad Yusoof, Khan Bhadur	... The Mahomedan Law relating to Marriage Dower, Divorce, Legitimacy and Guardianship of Minors according to the Sunnis
1893 Arthur Caspersz, Esq.	.. The Law of Estoppel in British India.
1894 Sir Frederic Pollock, Bart.	... The Law of Fraud, Misrepresentation and Mistake in British India.
1895 Mr. Saradacharan Mitra	... The Land Law of Bengal.
1896 Ramcharan Mitra	... The Law of Joint Property and Partition in British India.
1897 J. G. Woodroffe, Esq.	... The Law relating to Injunctions and Receivers in British India.
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1900 Mr. Jogeschandra Ray	... The Law relating to Torts in British India.
1901 K. Shelley Bonnerjee, Esq	... The Law of Interpretation of Deeds, Wills and Statutes in British India.
1902 Maulavi Syed Shamsul Huda	... The Law of Crimes in British India.
1903 S. R. Das, Esq	.. The Law of Ultra Vires
1904 Mr. Jogendrachandra Ghose	... The Hindu Law of Impartible Property, including the Law of Endowments
1905 Mr. Kisorilal Sarkar	... The rules of Interpretation in Hindu Law, with special reference to the Mimansa Aphorisms as applied to Hindu Law.
1906 Dr. Satischandra Banerjee	... The Law of Specific Relief in British India
1907 Abdur Rahim, Esq	... The Principles of Mahomedan Jurisprudence according to the Hanafite, Malikite, Shafite and Hanbalite Schools.
1908 Sripati Ray, Esq.	... Customs and Customary Law.

PROFESSORS.	SUBJECTS.
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1910 C. O. Remfry, Esq.	... Mercantile Law and Usage, including the Law of Sale of goods with special reference to British India.
1911 The Hon'ble Dr. A. M. Suhrawardy.	The History of Moslem Legal Institutions, with special reference to the Law of Waqf.
1912 B. K. Acharyya, Esq.	... Codification in British India.
1913 Mr. Samatulchandra Datta	.. Law of Compulsory Sales in India.
1914 Dr S. C. Bagchi	... Principles of the Law of Corporations with special reference to India.
1916 P. K. Sen, Esq	... The Law of Monopolies in British India.
1917 K. P. Jayaswal, Esq.	.. Manu and Yajnavalkya—a comparison and a contrast.
1918 Mr. Nagendranath Ghosh	.. Comparative Administrative Law with special reference to the organisation and legal position of the administrative authorities in British India.
1920 K. Subramanyam, Esq	... The Principles of Criminology, with special reference to their application in India.
1921 Mr. Karunamay Basu	... Modern theories of Jurisprudence

2

MINTO PROFESSORSHIP OF ECONOMICS.

To Commemorate the Jubilee of the University of Calcutta which was celebrated in 1908, the Hon'ble the Vice-Chancellor (Mr Justice Asutosh Mookerjee) proposed to the Government of India that a Professorship of Economics should be established. This proposal was accepted by Government, and the Senate resolved on the 11th April, 1908, that the chair should be named after the Earl of Minto, the then Chancellor of the University.

The following rules have been adopted for the appointment and duties of the Professor:—

The appointment shall be made by the Senate.

1. The salary of the Professor will be Rs. 12,000 a year, to be paid in equal monthly instalments. The professor will in the first instance be appointed for a term of five years only, but upon the expiry of his term, he will be eligible for re-appointment.

2. The University will pay first class passage to the selected candidate from his place of residence to Calcutta.

3. The duties of the Professor will be as follows.

(a) To devote himself to the investigation of the Science of Economics and its application to Indian Problems.

(b) To deliver (not less than once a week during six weeks every year) a course of at least six lectures upon Economics with special reference to Indian Problems and embodying, as far as possible, the result of his own researches in the subject. (Such lectures, after delivery, will be published by the University.)

(c) To hold classes in Economics not less than twice a week during at least twenty-five weeks every year, for the benefit of post-graduate students and to promote research by them as far as practicable.

(d) To prepare a work, dealing with the application of the principles of Political Economy to such Indian topics as may be agreed upon between the Senate and the Professor at the time of his appointment.

4. Applications from candidates for the Professorship must reach the Registrar of the University, not later than (to be specified) .

5. Every application shall be accompanied by—

(a) a statement of the original work or investigation in Economics which may have been done by the candidate.

(b) testimonials to indicate special fitness for appointment to the Professorship of Economics.

(c) a statement of the topics on which he undertakes to prepare a work dealing with the application of economic principles to Indian conditions.

6. The Professor will be required to vacate his appointment unless a substantial portion of the manuscript of the work alluded to in para. 3 (d) above, is made over to the University within three years from the date on which he first takes charge of his duties.

7. The copyright in the lectures as well as the treatise (para. 3, clauses (b) and (d)) will be in the Professor, but he will make over to the University 200 copies of his lectures annually for distribution.

8. Canvassing by intending candidates for the Professorship is strictly prohibited, and if any candidate is proved to have canvassed for the appointment directly or indirectly, he will on that ground alone, be disqualified.

PROFESSORS

1909-12 Manohar Lal, Esq., M.A.

1914-19 C. J. Hamilton, Esq., M.A.

1920-25 Dr. Pramathanath Banerjee, M.A., D.Sc. (Lond.)

3

GEORGE V PROFESSORSHIP OF MENTAL AND MORAL SCIENCE.

In commemoration of the visit of their Imperial Majesties King-Emperor George V and Queen-Empress Mary to India during 1911 and 1912 His Excellency the Governor-General in Council, on the recommendation of the Syndicate and the Senate of the Calcutta University, was pleased to sanction the foundation of a Professorship to be called the George V Professorship of Mental and Moral Science. At the Annual Convocation of the Senate in 1912 His Excellency the Chancellor made the important announcement that a recurring grant of Rs. 65,000 per annum would be made by the Government of India to the Calcutta University for the purposes of higher teaching. The

Syndicate, thereupon, decided that the University should have a Professor of Mental and Moral Science of its own. No provision existed at that time for the teaching of this branch of knowledge up to the M.A. standard in any of the Colleges in Calcutta, except the Scottish Churches College where the arrangements for that purpose were likely to be unfavourably affected by the impending retirement of Professor Stephen. Although elaborate Regulations for a course in Experimental Psychology had been framed in 1905, no arrangements were made or could yet be made in any College for the teaching of this increasingly important branch of knowledge. Mental and Moral Science has always had great attraction for Indian students and important papers dealing with topics under this head have been written by some of the graduates of this University. It was therefore expected that the establishment of a special chair in the subject would stimulate higher study and research on lines likely to prove fruitful. It was resolved that the salary of the Professor be fixed at Rs. 12,000 per annum.

PROFESSOR,

1913-20 Dr. Brajendranath Seal, M.A., Ph.D.

4

HARDINGE PROFESSORSHIP OF HIGHER MATHEMATICS.

To commemorate the visit of their Imperial Majesties King-Emperor George V. and Queen-Empress Mary to India during 1911 and 1912 and Their gracious reception of a loyal address from the Calcutta University, His Excellency the Governor-General in Council, on the recommendation of the Syndicate and the Senate, was pleased to sanction the foundation of a chair to be styled Hardinge Professorship of Higher Mathematics. At the Annual Convocation of the Senate in 1912, the important announcement was made by His Excellency the Chancellor that higher teaching would receive fresh impetus from the Government of India, who had decided to make a recurring grant of Rs. 65,000 a year to the Calcutta University. The Syndicate came to the conclusion that the purposes of stimulating higher study and research would be best served by utilising a portion of the Imperial grant for making adequate arrangement for the delivery of post graduate lectures in Higher Mathematics. Inadequate accommodation in the M. A. and M. Sc. Mathematics classes in the affiliated Colleges and the yearly increasing number of candidates for examination in the subjects, since the introduction of the new University Regulations in 1906, convinced the Syndicate of the desirability of founding a Chair in Higher Mathematics. It was resolved that the Professorship be associated with the name of His Excellency the then Chancellor of the University and called the Hardinge Chair of Higher Mathematics. It was also resolved that the Chair should carry a salary of Rs. 12,000 per annum. The Senate also agreed to grant to the first Professor Rs. 3,000 a year as house allowance.

PROFESSORS.

1913-1916 Dr. W. H. Young, M.A., D.Sc., F.R.S.
1917-20 Dr. C. E. Cullis, M.A., Ph.D.

5

CARMICHAEL PROFESSORSHIP OF ANCIENT INDIAN HISTORY AND CULTURE.

Ancient Indian History and Culture constitutes a branch of study in which research can be carried by the advanced students with every hope of success. Quite apart from guidance in research, it is evident that all M.A. candidates in History should have teaching in Indian History, imparted by a Professor trained in critical methods and acquainted with the results of recent researches. M.A. students in Sanskrit also would undoubtedly be benefited to a great extent by a teaching of this kind. Moreover, there is an ever-increasing number of M.A. students in History, and in the M.A. Course in History, Indian History has, by the New Regulations, been given a special place. In 1912, the number of candidates in History constituted nearly one-fourth of the total number of M.A. candidates. In view of these facts, the Syndicate were of opinion that the foundation of a Chair of Ancient Indian History and Culture was probably the foremost need of the Calcutta University. It was decided that the money for the Chair would be met from the sale proceeds of the Sanskrit Matriculation and Intermediate Courses and the Sanskrit Grammar published by the University. It was resolved that the Chair be designated the Carmichael Professorship of Ancient Indian History and Culture and that the salary be fixed at Rs 12,000 per annum.

1913-14 Dr. G. Thibaut, C.I.E., Ph.D., D.Sc.

1917-20 Mr. D. R. Bhandarkar, M.A.

6

PALIT PROFESSORSHIP OF CHEMISTRY.

Among the public-spirited and generous benefactors of the University, the first and foremost rank must be assigned to the late Sir Taraknath Palit, whose princely gift worth about Rs. 1,500,000 in 1912 is unsurpassed in the annals of this or any other Indian University. Out of the income derivable from the Palit endowment, two chairs are maintained, one of which is designated Palit Professorship of Chemistry and the other, the Palit Professorship of Physics. Out of the total value of the endowment, Rs. 100,000 will be set apart for the founding of a Scholarship to be awarded to a distinguished graduate of high attainments and character with a view to enable him to proceed to some foreign University for the purpose of advanced study and research in some special branch of Science. It is expressly stated in the Trust Deed that the object of the founder is the promotion and diffusion of scientific and technical education and the cultivation and advancement of Science, pure and applied, among his countrymen by and through indigenous agency. The Senate has agreed, therefore, that the chairs will always be filled by Indian (that is persons born of Indian parents, as distinguished from persons who are called Statutory Natives of India). The Professors-elect may, in the discretion of the Governing Body of the University College of Science, be required to receive special training abroad, before they enter upon the duties of their office. It shall be the duty of the Professors (a) to carry on original research with a view to extending the bounds of knowledge (b) to stimulate and guide research by advanced students, and as an essential preparation for this purpose, (c) to arrange for the adequate instruction of students for the degree of Bachelor of Science with Honours, Master of Science and Doctor of Science and also of other students who may be exceptionally qualified in any of the subjects of study, although they may not be even under-graduates of any University, provided that they be recommended by the Governing body constituted as follows :

1. The Vice-Chancellor of the University of Calcutta, *President, Ex-Officio*.
2. The Director of Public Instruction, Bengal.
3. The Dean of the Faculty of Science.
4. The Dean of the Faculty of Engineering.
5. Four members of the University, to be annually elected by the Senate two of whom at least shall be representatives of Colleges in Calcutta under Indian management, affiliated in Science to this University.
6. Four members to be nominated every three years by the founder and after his death by his representative or representatives in that behalf as is hereafter provided :

The Founder nominated

Mr. Lokendranath Palit, I.C.S. (since deceased)

The Right Hon'ble Lord Sinha of Raipur.

The Hon'ble Mr. Justice B. K. Mullick, I.C.S.

The Hon'ble Sir Nilratan Sircar, Kt. M.A., M.D.

to be his nominees on the said Governing Body and they are and each of them is authorized to nominate his or their successor or successors, provided always that the Hon'ble Sir Asutosh Mookerjee shall always be a nominee of the Founder if he has not otherwise a seat on the Governing body.

The power of nominating a successor or successors shall be inherent in every original or derivative nominee of the Founder.

7. Two representatives of the Professorial staff to be elected by them annually from amongst themselves

The proceedings of the said Governing Body shall be laid before the Syndicate and may be revised by it.

The following members have been elected by the Senate to the Governing Body of the Sir J. N. Palit Trusts for the year 1920-21 :—

Dr. P. J. Bruhl, D.Sc., I.S.O., F.C.S., F.G.S

J. R. Banerjee, Esq., M.A., B.L.

The Rev. Dr. J. Watt, M.A., D.D.

Mr. Janakinath Bhattacharyya, M.A., B.L.

On the recommendation of the Syndicate the following proposals, made by the Governing Body of Sir Taraknath Palit Endowment, regarding the duties and tenure of appointment of Palit Professors, were adopted by the Senate on the 30th January, 1914. —

I. That the duties of each of the Professors be specified as follows :—

(1) To devote himself to original research, in the subject in which he has been appointed, with a view to extend the bounds of knowledge.

(2) To stimulate and guide research by advanced students in his special subject in the University College of Science and generally to assist such students in Post-graduate study and research.

(3) To superintend the formation and maintenance of the Laboratory of the College of Science in his own subject

II. That the Professors be appointed subject to the following conditions—

(1) (a) The salary of the Sir Taraknath Palit Professor of Chemistry be Rs. 800 a month rising to Rs. 1,000 a month by annual increment of Rs. 50.

(b) The salary of the Sir Taraknath Palit Professor of Physics be Rs. 800 a month rising to Rs. 1,000 a month by annual increment of Rs. 50.

(2) Each Professor shall be a whole-time officer of the University College of Science and shall not, without the special sanction of the Governing Body and of the Senate previously obtained, hold any other office to which any salary, emolument or honorarium is attached.

(3) The appointment of each Professor shall be permanent, and no Professor shall be liable to loss of or removal from office or to reduction of the emolument attached thereto on any ground whatsoever, subject, however to the following provisos :

(a) A professor shall vacate his office upon completion of the sixtieth year of his age, unless upon the recommendation of the Governing Body, the Senate is satisfied that his services should in the interests of research, be still retained by the University, and in such event, the Senate may, on the recommendation of the Governing Body, sanction his retention for such period as may be determined.

(b) A Professor may voluntarily resign his appointment at any time, upon not less than six months' notice given by him in writing to the Governing Body.

(c) A Professor, on retirement on the ground of either attainment of age or of proved ill health, will be entitled to receive a gratuity of one month's pay for each completed year's tenure of appointment, but such gratuity shall in no case exceed a maximum limit of eighteen month's salary.

(d) A Professor shall be liable to removal by the Senate on the ground of misconduct or neglect of duty, if a recommendation to that effect is made by the Governing Body after full enquiry into specific charges brought against him; provided that at such enquiry the Professor concerned shall be allowed adequate opportunity to defend himself.

(e) Every Professor shall be eligible for the privilege of the regular academic vacations. In the event of a Professor requiring leave on account of duly certified ill health or on urgent private affairs, in addition to the period of the regular academic vacations, the senate may, on the recommendation of the Governing body grant leave on conditions analogous to those prescribed in the Civil Service Regulations for officers in the Indian Educational Service.

PROFESSOR,

Dr Sir P. C. Ray Kt., C.I.E., D.Sc. Ph.D., F.C.S., F.A.S.B. (Appointed in 1916).

7

PALIT PROFESSORSHIP OF PHYSICS.

Out of the munificent donation of Sir Taraknath Palit a Professorship of Physics in the University College of Science is to be maintained. The conditions for the appointment and the duties of the Professor of Physics are similar to those for the Palit Professor of Chemistry.

PROFESSOR.

C. V. Raman, Esq., M.A. (Appointed in 1917).

**Copies of Trust Deeds executed by Sir Taraknath Palit, Kt.,
D.L., in favour of the Calcutta University.**

This indenture made this the 15th day of June in the year of Christ one thousand nine hundred and twelve between Taraknath Palit of No. 35, Baligunj Circular Road, within the Municipal limits of the town of Calcutta (son of

Kalikinkar Palit deceased) by caste Kayastha, Barrister-at-Law (hereinafter called the Founder) of the One Part and the University of Calcutta incorporated by and under Act II 1857 (hereinafter called the said University) of the Other Part. Whereas the founder is seized and possessed of or otherwise well and sufficiently entitled as and for an absolute and indefeasible estate of inheritance in fee simple in possession or an estate equivalent thereto free from encumbrances to the messuage land hereditaments and premises No 92 Upper Circular Road fully described in the first Schedule hereto and whereas by an Indenture bearing date the sixth day of September one thousand nine hundred and two and registered at the Calcutta Registry Office in Book I Vol 62 pages 57 to 74 being No. 1864 for 1906. All that undivided one equal third part or share of and in all those Zemindari estate Taluqs lands hereditaments and premises fully described in the second Schedule hereto were granted transferred and conveyed by Satyendranath Tagore therein described to the Founder his heirs executors administrators and assigns to secure the repayment on the first day of September one thousand nine hundred and twenty six by the said Satyendranath Tagore his heirs executors administrators or assigns to the Founder his heirs executors administrators or assigns of the sum of One Lac of Rupees with interest thereon at the rate of six per cent. per annum reducible to four and four-fifth per cent. per annum if paid punctually every month on the date thereby appointed for the payment of such interest or within two weeks thereafter and whereas the Founder is also entitled to the monies and shares specified in the third Schedule hereto and whereas the Founder has for some time passed contemplated doing something of a permanent character for the promotion and diffusion of Scientific and technical Education in Bengal and the cultivation and advancement of Science Pure and Applied amongst his countrymen and in the behalf that this object could be best attained by the establishment of University Professorship of Science as a first step towards the foundation of a University College of Science and Technology he approached the said University of Calcutta and offered to endow and make over to them the properties specified in the said first second and third Schedules hereto on the conditions and upon the Trusts following namely:—

(A)—That the said University should found two Professorships or chairs one of Chemistry and the other of Physics and apply the entire income of the said properties set out in the said second and third Schedules hereto or so much thereof as they may deem necessary to and towards the maintenance of the said two Chairs and that in the event of the said entire income being found insufficient for the purpose the said University should make such a recurring grant or contribution as will supplement such deficiency.

B)—That the founder's object being the promotion and diffusion of Scientific and Technical Education and the cultivation and advancement of Science, Pure and Applied, amongst his countrymen by and through indigenous agency such Chairs shall always be filled by Indians (that is persons born of Indian parents as contra-distinguished from persons who are called Statutory Natives of India) to be nominated by the Governing Body hereinafter mentioned who may in their discretion require a Professor-elect to receive a special training abroad before he enters upon the discharge of the duties of his office and who may give such Professor-elect during such period of his training abroad such allowance including travelling expenses as may in such case, be determined by the said Governing Body—such allowance being considered as part of the maintenance expense of the Chair of Chairs.

(C)—That in connection with the said two Chairs, the said University shall from its own funds provide suitable Lecture-Rooms, Libraries Museums, Laboratories, Workshops and other facilities for teaching and research and that it shall out of its own funds ear-mark and set apart a sum of two lacs and fifty thousand rupees and apply the same to and towards the construction on the site of the said premises No. 92 Upper Circular Road (described in the said first

Schedule hereto) of permanent and substantial structures and thier proper and adequate equipment as such Lecture-rooms, Libraries, Museums, Laboratories Workshops, etc., as aforesaid.

(D)—That the said Governing Body shall consist of the following persons, viz.—

- 1.—The Vice-Chancellor of the said University, as Ex-officio President.
- 2.—The Director of Public Instruction, Bengal.
- 3.—The Dean of the Faculty of Science of the said University.
- 4.—The Dean of the Faculty of Engineering of the said University.
- 5.—Four members of the said University to be annually elected by the Senate, two of whom at least shall be representatives of Calcutta Colleges under Indian management affiliated in Science to the said University.
- 6.—Four members to be nominated every three years by the Founder and after his death by his representative or representatives in that behalf as is hereafter provided.

The Founder hereby nominates Mr. Lokendranath Palit, I.C.S., Mr. S. P. Sinha, Barister-at-Law, the Hon'ble Mr. B. K. Mullick, I.C.S. and Dr. Nilratan Sirkar to be his nominees on the said Governing Body and they are and each of them is hereby authorised to nominate his or their successor or successors provided always that the Hon'ble Justice Sir Asutosh Mookerjee shall always be a nominee of the Founder if he has not otherwise a seat on the Board of the said Governing Body.

The power of nominating a successor or successors shall be inherent in every original or derivative nominee of the Founder.

7.—Two representatives of the Professorial Staff to be elected by them annually from amongst themselves.

The proceedings of the said Governing Body shall be laid before the Syndicate and may be revised by it.

(E)—That the said University shall from its own funds make such recurring and periodical grants or contributions as may be required for the following purposes namely :—

a.—For the maintenance and up-keep of the said two Professorships or Chairs in the event of the income of the said properties mentioned in the said second and third Schedules hereto proving insufficient as hereinbefore stated.

b.—For the maintenance of the said Libraries, Laboratories, Museums, and Workshops in such a condition of efficiency as may be required and approved by the said Governing Body, subject to the control of the Senate.

c.—For the maintenance and repairs of the buildings and structures to be erected as aforesaid at No. 92 Upper Circular Road.

d.—For the payment of all rates, taxes and other impositions payable in respect of the said premises No. 92, Upper Circular Road.

(F)—That it shall be the duty of the Professors (:) to carry on original research with a view to extend the bounds of knowledge, (2) to stimulate and guide research by advanced students and, as an essential preparation for this purpose, (3) to arrange for the adequate instruction of students for the Degrees of Bachelor of Science with Honours, Master of Science and Doctor of Science and also of other students who may be exceptionally qualified in any of the subjects of study though they may not be even under-graduates of any University, provided that they be recommended by the said Governing Body.

(G)—That if the income of the said endowed properties shall exceed the amount required to meet the expenses for the maintenance and up-keep of the

said Professorships or Chairs such surplus income may at the discretion of the said Governing Body be applied to the payment of Scholarships or Stipends to such advanced students for the Degrees of Master of Science or Doctor of Science as may receive training or carry on research under the said Professors—the number and value of such scholarships to be determined by the said Governing Body and to be awarded only if it is satisfied that the awards are necessary to enable deserving students to carry on research or investigation.

(H)—That the said income of the said endowed properties shall be accumulated by the said University until the said Professorships or Chairs are founded and such accumulation shall be treated as part of the corpus of the said endowed properties specified in the second and third Schedules hereto and be held upon the Trusts and for the purposes hereinbefore declared and expressed of and concerning such properties.

(I)—That the buildings now standing upon the said premises No. 92 Upper Circular Road shall, as soon as may be, be dismantled under the direction of the said University who shall sell the old materials and hold the sale-proceeds as part of the corpus of the endowed properties mentioned in the second and third Schedules hereto and upon the trusts and for the purposes hereinbefore declared and expressed of and concerning such properties.

And whereas the said University has agreed to accept the Founder's offer of the said properties specified in the said first, second and third Schedules hereto and as by way of endowment on the conditions and upon such trusts as are hereinbefore set forth and whereas in pursuance of the said agreement the Founder has delivered and made over to the said University the shares mentioned in the said third Schedule hereto and has also made over to the said University the sum of Rupees Three Lacs mentioned therein upon the Trusts and to and for the ends, intents and purposes hereinbefore as well as hereinafter declared expressed and contained of and concerning the same and whereas the said message land and premises No. 92 Upper Circular Road are of the estimated value of Rupees Two Lacs and fifty Thousand and whereas the several shares mentioned in the said third Schedule to these presents are of the estimated value of Rupees Sixty Thousand only—and whereas for the purpose of completing the transfer to the said shares for the purpose of these presents and the transfer of the said shares intended to be hereby made it is necessary that separate deeds of transfer of the said shares should be executed and it is intended that these presents shall be deemed the principal instrument and the same is accordingly stamped with the full *ad valorem* stamp duty chargeable in respect of the said shares and that the said deeds of transfer respectively shall be stamped with a stamp of one rupee. Now this indenture witnesseth that in pursuance of the said agreement and in consideration of the premises the Founder doth hereby grant and transfer and convey unto the said University and its assigns. All that message land hereditament and premises particularly described in the said first Schedule hereto or howsoever otherwise the said message land hereditament and premises or any part thereof may be described bounded called known or distinguished together with all houses out-houses out-offices out-buildings coach-houses stables sheds godowns and all other buildings and structures erected thereon and all yards compounds, gardens, orchards thereto belonging or therewith held used occupied or enjoyed and all ways paths passages tanks waters water-courses sewers drains lights privileges easements appendages and appurtenances whatsoever to the said hereditaments and premises or any part thereof belonging or in anywise appertaining or reputed or known to be part or parcel thereof or with the same or any part thereof now or heretofore held used occupied or enjoyed and all the estate right title interest use trust possession property claim and demand at law and in equity of him the Founder into out of and upon the said hereditaments and premises and every part thereof together with all deeds documents and muniments of title and other writings whatsoever in the custody

or power of the Founder which relate exclusively to or concern the said hereditaments and premises or any part thereof to have and to hold the said messuage land hereditaments and all and singular the premises hereinbefore expressed to be hereby transferred unto the said University and its assigns upon the Trusts and to and for the ends intents and purposes hereinbefore as also hereinafter declared expressed and contained of and concerning the same and this indenture also witnesseth that in further pursuance of the said agreement and in consideration of the premises the Founder doth hereby assign unto the said University the said principal sum of Rupees One Lac secured by the said hereinbefore in part recited Indenture of the six day of September one thousand nine hundred and two and all interest henceforth to become due thereon and the full benefit of all securities for the same to hold the same unto the said University absolutely and this indenture further witnesseth that in further pursuance of the said agreement and arrangement and for the consideration aforesaid the Founder as such mortgagee as aforesaid doth hereby grant transfer and convey all that undivided one equal third part or share of and in all those Zemindari Estates Taluqs lands hereditaments and premises fully described in the second Schedule hereto together with all its members and appurtenances to have and to hold the same unto the said University and its assigns subject to such right or equity of redemption as is now subsisting in the said premises under or by virtue of the said hereinbefore in part recited Indenture of Mortgage and subject thereto upon the Trusts and to and for the ends, intends and purposes hereinbefore as also hereinafter declared and expressed and this Indenture further witnesseth that in further pursuance of the said recited agreement and in consideration of the premises it is hereby agreed and declared between and by the said parties to these presents that the said University shall hold the said endowed properties specified in the said first second and third Schedules hereto on the condition and upon the Trusts following namely —

(I)—That the said University shall found two Professorships or Chairs, one of Chemistry and the other of Physics and apply the entire income of the said properties set out in the second and third Schedules hereto or so much thereof as they may deem necessary to and towards the maintenance of the said two Chairs and that in the event of the said entire income being found insufficient for the purpose the said University shall make such a recurring grant or contribution as will supplement such deficiency.

(II)—That the Founder's object being the promotion and diffusion of Scientific and Technical Education and the cultivation and advancement of Science Pure and Applied amongst his countrymen by and through indigenous agency such Chairs shall always be filled by Indians (that is persons born of Indian parents as contra-distinguished from persons who are called Statutory Natives of India) to be elected by the Governing Body hereinbefore as also hereinafter mentioned who may in their discretion require a Professor-elect to receive special training abroad before he enters upon the discharge of the duties of his Office and who may give such Professor-elect during such period of his training abroad such allowance including travelling expenses as may in each case be determined by the said Governing Body—such allowance being considered as part of the maintenance expenses of the Chair or Chairs

(III)—That in connection with the said two Chairs the said University shall from its own funds provide suitable Lecture-Rooms, Libraries, Museums, Laboratories, Workshops and other facilities for teaching and research and that it shall out of its own funds earmark and set apart a sum of two lacs and fifty thousand rupees and apply the same to and towards the construction on the site of the said premises No. 92 Upper Circular Road (described in the said first Schedule hereto) of permanent and substantial structures and their proper and adequate equipment as such Lecture-Rooms, Libraries, Museums, Laboratories, Workshops etc., as aforesaid.

(IV)—That the said Governing Body shall consist of the following persons
via —

- 1.—The Vice-Chancellor of the said University as Ex-officio President.
- 2.—The Director of Public Instruction, Bengal.
- 3.—The Dean of the Faculty of Science of the said University.
- 4.—The Dean of the Faculty of Engineering of the said University.
- 5.—Four members of the said University to be annually elected by the Senate, two of whom at least shall be representatives of Calcutta Colleges under Indian Managements affiliated in science to the said University.
- 6.—Four members to be nominated every three years by the Founder and after his death by his representative or representatives in that behalf as is hereafter provided.

The Founder hereby nominates Mr. Lokendranath Palit, I.C.S., Mr. S. P. Sinha, Barrister-at-Law, The Hon'ble Mr. B. K. Mallick, I.C.S., and Dr. Nilratan Sircar to be his nominees on the said Governing Body and they are and each of them is hereby authorised to nominate his or their successor or successors. Provided Always that the said Hon'ble Justice Sir Asutosh Mookerjee shall always be a nominee of the Founder if he has not otherwise a seat on the Board of the said Governing Body.

The power of nominating a successor or successors shall be inherent in every original or derivative nominee of the Founder.

7.—Two representatives of the Professorial Staff to be elected by them annually from amongst themselves.

The proceedings of the said Governing Body shall be laid before the Syndicate and may be revised by it.

(V)—That the said University shall from its own funds make such recurring and periodical grants or contributions as may be required for the following purposes namely

(a) For the maintenance and up-keep of the said two Professorships or Chairs in the event of the income of the said properties mentioned in the said second and third Schedules hereto proving insufficient as hereinbefore stated.

(b) For the maintenance of the said Libraries Laboratories Museums and Workshops in such a condition of efficiency as may be required and approved of by the said Governing Body subject to the control of the Senate.

(c) For the maintenance and repairs of the buildings and structures to be erected as aforesaid at No. 92, Upper Circular Road.

(d) For the payment of all rates taxes and other impositions payable in respect of the said premises No. 92, Upper Circular Road.

(VI)—That it shall be the duty of the Professors (1) to carry on original research with a view to extend the bounds of knowledge, (2) to stimulate and guide research by advanced students and, as an essential preparation for this purpose (3) to arrange for the adequate instruction of students for the Degrees of Bachelor of Science with Honours, Master of Science and Doctor of Science and also of other students who may be exceptionally qualified in any of the subjects of study though they may not be even under graduates of any University provided they be recommended by the said Governing Body.

(VII)—That if the income of the said endowed properties shall exceed the amount required to meet the expenses for the maintenance and up-keep of the said Professorships or Chairs such surplus income may at the discretion of the said Governing Body be applied to the payment of Scholarships or Stipends to such advanced students for the degrees of Master of Science or Doctor of Science as may receive training or carry on research under the said Professors—the number and value of such scholarships to be determined by the said Govern-

ing Body and to be awarded only if it is satisfied that the awards are necessary to enable deserving students to carry on research or investigation.

(VIII)—That the said income of the said endowed properties shall be accumulated by the said University until the said Professorships or Chairs are founded and such accumulation shall be treated as part of the corpus of the said endowed properties specified in the second and third Schedules hereto and be held upon the Trusts and for the purposes hereinbefore declared and expressed of and concerning such properties.

(IX)—That the buildings now standing upon the said premises No. 92 Upper Circular Road shall as soon as may be dismantled under the direction of the said University who shall sell the old materials and hold the sale proceeds as part of the corpus of the endowed properties mentioned in the second and third Schedules hereto and upon the trusts and for the purposes hereinbefore declared and expressed of and concerning such properties.

That the Founder hereby directs that if the said University should deem it beneficial to the trust hereinbefore declared to convert the shares mentioned in the third Schedule hereto into money they shall be at liberty to do so and to invest the proceeds in any form of investment authorised by law or in the purchase or mortgage of landed property within the Municipal limits of Calcutta and the said University shall also be at liberty to similarly invest the said sum of Rupees Three Lacs mentioned in the third Schedule hereto and also all other moneys may be similarly invested as aforesaid.

The First Schedule above referred to.

All that brick-built garden house together with the piece or parcel of land thereunto belonging which was formerly described as follows. All that brick-built garden house together with the piece or parcel of land thereunto belonging containing by estimation ten and a half Bighas the same a little more or less all surrounded by brick wall's situ to laying and being No. 92 Northern Circular Road formerly known as No. 59 and afterwards as No. 81 Upper Circular Road in the town of Calcutta adjoined and bounded on the east by Upper Circular Road on the north by Parsee Bagan Lane and beyond that by properties belonging to Greeshchandra Dass and others on the west by the properties of Madhusudan Banerjee, Ramtaran Mazumdar, Issurchandra and Kailaschandra Sinha and on the south by the properties of Rajkisor Banerjee and Jaydeb Chatterjee Anandprasad Mukerjee Khettermohan Mukerjee and by a tank belonging to Harishchandra Ghosh and which said premises are now described as follows.—

All that two-storied brick-built messuage tenement or dwelling house together with the piece or parcel of land on part whereof the same is erected and built containing an area of twelve Bighas more or less being premises No. 92 Upper Circular Road in the town of Calcutta known as Parsee Bagan together with all the other lands buildings erections out-houses godowns stables now or heretofore appertaining to the same premises which said premises are bounded and bounded as follows. North by the Parsee Bagan Lane East by the Upper Circular Road South by the premises belonging to Babus Rajkrishna Banerjee Rakhaldas Halder Asutosh Chattopadhyay Anandprasad Mukhopadhyay Jadunath Chattopadhyay and tanks belonging to late Bepinbehary Ghosh and Kailaschandra Singhee and on the West by premises No. 15 belonging to Babu Issurchandra Singhee and others No. 15-1 belonging to Babu Tincoury Mukerjee No. 17 belonging to Kedarnath Basu No. 17-1 belonging to Sreemuty Bidhumukhi Debi. These premises bear the Holding No. 189 Block No. XII Northern Division in the town of Calcutta and the annual Revenue is rupees forty-two annas thirteen and pie one payable to Government.

The Third Schedule above referred to.

1. A cheque No. 908 on the National Bank of India, Limited, dated the fifteenth day of June, one thousand nine hundred and twelve, drawn by T. Palit (the founder) in favour of the Vice-Chancellor of the University of Calcutta for Rupees Three Lacs

2. One hundred and twenty-five Clive Mills Co., Limited. "A" preference shares No. 10327 to 10451 in five scrips numbered respectively 124, 125, 126, 127 and 128.

3. Two hundred and fifty Shahdara (Delhi) Sharanpur Light Railway Company's shares numbered 10566 to 10815 in three scrips numbered respectively 292, 293 and 294.

4. One hundred and forty-five Barasat Basirhat Light Railway Company's shares numbered 5256 to 5280 in scrip No. 353, 5331 to 5380 in scrip No. 182, 5381, to 5430, in scrip No. 183, 10134 to 10153 in scrip No. 538

In witness whereof the parties hereto have hereunto set and subscribed their respective hands and seals the day and year first above written.

T. PALIT. O. Seal

ASUTOSH MOOKERJEE O. Seal.

Scaled and signed on
behalf of the University of Calcutta

ASUTOSH MOOKERJEE
Vice-Chancellor

Signed sealed and delivered by the above-named T. Palit and by the Hon'ble Justice Sir Asutosh Mookerjee Vice-Chancellor of the University of Calcutta, above-named for and on behalf of the said University at No. 35 Ballygunge Circular Road, Calcutta in the presence of

P. C. KAR, Solr., Calcutta,
GIRISCHANDRA MOOKERJEE,
Asst. Registrar, Calcutta University.

R. MUKERJI,
46, Beadon St Calcutta

S K MULLIK.
Barrister-at-Law

Seal of the
University.

Presented for Registration between the hours of 1 and 2 P. M., on the 17th day of June 1912 at the Calcutta Registry Office by Pramathachandra Kar son of the late Rai Hemchandra Kar, Bahadur, of No. 12 Old Post Office Street Calcutta by caste Kayastha by occupation Solicitor as agent for Taraknath Palit under a general power of Attorney No. 110 for 1904 executed in the presence of the Special Sub-Registrar of Alipur

Seal of the
Registry
Office

P. C. KAR,
KRIPANATH DUTT,
District Registrar of Assurances,
Calcutta.
17-6-12

Execution is admitted by the above Primathachandra Kar under power cited above who is personally known to me.

P. C. KAR
KRIPANATH DUTT,
District Registrar of Assurances,
Calcutta.
17-6-12

Execution is admitted By Sir Asutosh Mookerjee, Kt., of the Calcutta University, Vice-Chancellor of the above University, and Judge of the High Court, Calcutta who is personally known to me.

ASUTOSH MOOKERJEE
KRIPANATH DUTT
District Registrar of Assurances,
Calcutta
17-6-12

Second Trust Deed Executed by Sir Taraknath Palit.

This indenture made this eighth day of October one thousand nine hundred and twelve between Taraknath Palit Barrister-at-Law of No. 35 Ballygunj Circular Road within the Municipal Limits of the town of Calcutta son of Kalikinkar Palit deceased Kayastha hereinafter called the said Settlor of the first part and the said Taraknath Palit, the Hon'ble Sir Asutosh Mookerjee, Kt. D.L. etc. Vice-Chancellor of the University of Calcutta and one of His Majesty's Judges of the High Court, Sisirkumar Mallick, Barrister at Law and the University of Calcutta of the second part (who and the survivors of them and other the Trustees for the time being of these presents are hereinafter referred to as "the said Trustees") and the University of Calcutta hereinafter called "the said Trustee University") of the third part whereas by an Indenture bearing date the fifteenth day of June one thousand nine hundred and twelve and made between the said settlor of the one part and the University of Calcutta of the other part, the said settlor granted and assigned unto the said University certain lands, messuages, moneys and securities for moneys in the said Indenture fully set forth upon the conditions, terms and trusts in the said Indenture mentioned and whereas the said settlor is seized and possessed as absolute owner of the lands hereditament messuages and premises mentioned and fully described in the Schedule A hereto and whereas the said settlor is also possessed of and absolutely entitled to the Government Securities Bank Shares Debentures and moneys payable upon Promissory Notes and Life Policy specified in the Schedule B hereto and whereas the said settlor is entitled to the principal sums and interest mentioned in Schedule C hereto and secured by the several Indentures of Mortgage also mentioned in the said Schedule and to the full benefit of all securities for the same specified and described in the several parts of the said Schedule and more particularly described in the said Indentures of mortgage subject to a proviso for redemption and whereas the said settlor is also entitled to the principal sums and interest mentioned in Schedule D hereto and secured by the several Equitable Mortgages also mentioned in the said schedule and to the full benefit of all securities for the same specified and described in the several parts of the said schedule and whereas the said settlor is desirous of settling the properties specified and described in the said several Schedule A, B, C and D hereto upon the Trusts and for the purposes hereinafter declared and expressed and at his request the said Hon'ble Sir Asutosh Mookerjee, Sisirkumar

Mullick and the University of Calcutta have consented to become Trustees with himself of and for the purposes of the said intended settlement in the manner hereinafter expressed and provided and whereas the Sakhi Shilpa Samiti and the Institution styled as the Albert Victor Hospital, Calcutta Medical School and the College of Surgeons and Physicians Bengal respectively have assented to the conditions hereinafter expressed and appearing upon which the settlement hereinafter contained for their benefit respectively is hereby made and whereas the Government Securities Bank Shares Debentures and Promissory Notes and Life Policy mentioned in the said Schedule B hereto as also the Promissory Notes mentioned in the said Schedule D hereto are intended to be endorsed and transferred by the said settlor unto or otherwise vested in the said Trustees to the intent that they shall stand possessed of the same upon the trusts and for the ends intents and purposes hereinafter declared and expressed of and concerning the same and whereas the present approximate value of the several properties set forth and mentioned in the said Schedules A, B, C and D hereto and intended to be hereby settled is rupees seven lakhs eighty-five thousand eight hundred and sixty-seven annas eight the particulars whereof are set out in such Schedules.

1. Now this indenture witnesseth that in order to give effect to the said recited intention of the said settlor and upon the acceptance by the other Trustees of the said Trusteeship the said settlor doth hereby grant convey and transfer unto the said Trustees all those the lands hereditaments messuages and premises in the said Schedule A hereto described or howsoever otherwise the said land messuages hereditaments and premises or any part thereof may be described bounded (called known or distinguished together with all appurtenances or easements whatsoever thereunto belonging or held or enjoyed therewith or with any part or parcel thereof and all the Estate right title interest and claim of him the said settlor in and to the said hereditaments lands and premises and every part thereof together with all Deeds and Documents and muniments of title whatsoever in the custody or power of the said settlor which relate exclusively to or concern the said hereditaments and premises or any part thereof to have and to hold the said messuages lands and hereditaments and all and singular other the premises mentioned and described in the said Schedule A and hereby transferred or expressed so to be unto the said Trustees upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same.

2. And this indenture also witnesseth that the said settlor doth hereby assign and transfer unto the said Trustees all the Government Securities Bank Shares Debentures and Promissory Notes and Life Policy set out in the said Schedule B hereto and also the Promissory Notes set out in the said Schedule D hereto and all principal interest and moneys thereby secured or payable and to become payable thereunder and all the right title and interest of him the said Settlor to and in the same respectively to have, receive and take the said Government Securities Bank Shares Debentures Moneys and Promissory Notes and Life Policy described in the said Schedule B and the Promissory Notes set out in the said Schedule D and hereby assigned and transferred or expressed so to be unto the said Trustees upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same.

3. And this indenture also witnesseth that the said settlor doth hereby assign and transfer unto the said Trustees the several Principal sums mentioned in the said Schedules C and D hereto respectively and secured by the several Mortgages and Equitable Mortgages therein respectively mentioned and all interest due and to become due for the same respectively and the benefit of all securities respectively and all the estate right title interest claim and demand of the said settlor unto and upon the said premises to have and to hold the said premises unto the said Trustees upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same

4. And this indenture also witnesseth that the said settlor as such mortgagee as aforesaid doth hereby convey and transfer unto the said trustees all and singular the hereditaments and premises comprised in and granted charged or otherwise assured by the said several indentures of Mortgage and the said Equitable Mortgages or expressed so to be and which said premises and hereditaments respectively are specified and described in the said Schedules C and D respectively to hold the same unto and to the use of the said Trustees subject to such right or equity of redemption as is now subsisting therein respectively and upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same.

5. And it is hereby declared and agreed that the said Trustees shall hold the said lands messuages and hereditaments and mortgaged hereditaments and premises and the moneys thereby secured and the Government securities Bank shares Debentures and Promissory Notes and Life Policy and moneys thereby secured respectively and all and singular other the premises hereinbefore granted conveyed assigned or transferred and hereinafter referred to as the said Trust Estate upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same that is to say.

(a) Upon Trust during the life time of the said settlor to permit him to collect receive and take to rents issues profits dividends and income of all and singular the said Trust Estate and (subject, to the payment thereof of the Government Revenue, Cesses, rates and taxes including income tax and other impositions and outgoing chargeable upon or payable in respect of the said Trust Estate including the cost and expenses of the maintenance and repair of the hereditaments and premises comprised in the said Schedule A) to apply and dispose of the said rents issues profit dividends and income to and for the absolute use and benefit of the said settlor with liberty to and for the said settlor to reside in the premises no. 35, Ballygunge Circular Road mentioned and described in the said Schedule A free of rent.

(b) And upon Trust upon the death of the said settlor that the other Trustees or the survivors or survivor of them or other the Trustees or Trustee for the time being of these presents do and shall transfer and make over the said Trust Estate to the University of Calcutta who shall thenceforth become the sole Trustee of these presents and shall hold and stand possessed of the said Trust Estate upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same.

6. And it is hereby declared and agreed that from and after the death of the said settlor the University of Calcutta hereinafter referred to as "the said Trustee University" shall hold and stand possessed of the said Trust Estate upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same that is to say.

(a) Upon Trust to Collect, receive and take the rents, issues, profits dividends and income thereof respectively and thereout in the first place to pay and discharge the Government Revenue, Cesses, rates and taxes including income-tax and other impositions and outgoing chargeable upon or payable in respect of the said Trust Estate, Fire Insurance Charges in respect of such of the properties as the said Trustee University may think desirable to insure and also the costs and charges of all necessary repairs of house property belonging to the said Trust Estate.

(b) That the said Trustee University shall, out of the said Trust Estate, set apart or realise and set apart the sum of Rupees One Lac and shall stand possessed of the said sum of Rupees One Lac and the investments from time to time representing the same Upon Trust to apply the net income thereof in perpetuity in establishing and maintaining scholarships for advanced students in Science to enable them to carry on research or investigation abroad that is to say outside

India the number and value of such scholarships to be determined by the Governing Body in the said recited Indenture of the fifteenth of June One thousand nine hundred and twelve mentioned hereinafter referred to as 'the said Governing Body' and the said scholarships shall be awarded upon the following conditions namely:—

(i) That the recipients of the said scholarships must be very distinguished graduates of the Calcutta University of either sex and must have taken the Degree of Master of Science or Doctor of Science or have been awarded the Premchand Roychand Scholarship.

(ii) That such recipients must be unmarried and must continue so during the period they hold such scholarships and if they contravene this condition they shall forfeit their scholarships as well as refund the whole of the amount of the pecuniary benefit they shall have received in respect of their scholarships with interest at the rate specified in the bond hereinafter mentioned.

(iii) Before proceeding abroad such recipients must insure their lives in favour of the said Trustee University for such amount and in such manner as the said Governing Body may determine and the premium in respect of such Insurance shall be payable by the recipients out of the amount of the scholarships so awarded to them.

(iv) The said recipients shall not during the period they may hold the said scholarships enrol themselves as members of any of the Inns of Court or attempt to qualify themselves for any of the branches of the legal profession and if such recipients contravene this condition they shall forfeit their scholarships as well as refund the whole of the pecuniary benefit thereunder as aforesaid with interest at the rate specified in the Bond hereinafter mentioned.

(v) No one shall be eligible for the above scholarships whose knowledge of the language of the Country in which his or her researches or investigations have to be prosecuted is not such as to enable him or her to intelligently prosecute such researches or investigations in that country.

(vi) The period during which such scholarships shall be tenable shall be determined by the said Governing Body and it shall be competent to them to extend such period if they deem such extension beneficial.

(vii) If the said Governing Body are satisfied that the recipient of any such scholarship is not diligently prosecuting his or her researches or investigations or is misbehaving himself or herself, it shall be competent to the said Body to stop payment of his or her scholarship either temporarily or permanently as they may think fit.

(viii) The right of nomination for any of the aforesaid scholarships shall be with the said Governing Body.

(ix) The said Trustee University shall require each of the recipients of such scholarships before proceeding abroad to enter into a bond with them to refund such sum as may be spent for him or her in respect of his or her scholarship together with interest on the total amount spent at a rate not exceeding six per cent. per annum from the date or dates of expenditure within such time, and on such conditions as the said Trustee University may think fit provided always that the said Trustee University may in any case forbear enforcing such Bond as to any part or the whole of the money secured thereby as the said Trustee University may in their discretion think fit.

(x) Should the said Governing Body at any time be unable for want of suitable candidates or for any other reason to apply the moneys allotted to such scholarships the said Trustee University shall accumulate the same and apply the same for the purposes of such scholarships thereafter and all moneys recovered under the Bonds aforesaid shall be applicable to the provision of such scholarships as hereinbefore mentioned.

(c) That the said Trustee University shall out of or by means of the said Trust Estate provide and pay transfer and make over to the authorities of the Institution Registered on the thirtieth day of January one thousand nine hundred and seven under Act XXI of 1860 as the *Shilpa Samiti* and which has since been Registered and is known as the *Sakhi Shilpa Samiti Government Securities* of the three and half per cent loan of the nominal value of Rs 15,000 (Rupees fifteen thousand) when the same shall be required by the said Institution to be applied by it for the purposes of providing a local habitation with a view to the promotion of the welfare of Hindu widows and upon the undertaking to be given in writing by or on behalf of the said Institution to the said Trustee University that in case the said local habitation to be constructed or acquired partly by means of the said payment ceases to be utilised for the promotion of the welfare of Hindu widows the said Institution shall be bound to refund the amount of the said Government Securities and to make over the same to the said Trustee University to be held by them upon the Trusts declared in the Indenture of the fifteenth day of June one thousand nine hundred and twelve

(d) That the said Trustee University shall out of or by means of the said Trust Estate provide and pay transfer and make over to the Institution Registered under Act XXI of 1860 and known and styled as the *Albert Victor Hospital Calcutta Medical School and the College of Surgeons and Physicians Bengal Government Securities* of the three and a half per cent. loan of the nominal value of Rs 50,000 (Rupees fifty thousand) when the same shall be required by the said Institution to be utilised by it for the purpose of providing the said Institution with well-equipped Laboratories in order to qualify for the requirements of application to the University of Calcutta or in order to instruct and prepare students for any examinations which may be held by any Examining or Licensing Board which may hereafter be established by any duly constituted authority in this country and empowered to hold examinations and grant licenses and diplomas and upon the undertaking given in writing to the said Trustee University by or on behalf of the said Institution that in the event of the said Institution ceasing to exist or failing to carry out the purposes for which this grant is made, then the amount of the said Government Securities shall be refunded and made over to the said Trustee University to be held and applied by the latter upon the Trusts set out in the said Indenture of the fifteenth of June one thousand nine hundred and twelve

Provided nevertheless that the authorities of the said *Sakhi Shilpa Samiti* and the said *Albert Victor Hospital Calcutta Medical School and College of Surgeons and Physicians, Bengal*, shall not be held liable to satisfy the said undertaking out of their own private means or resources

(e) That the said Trustee University shall out of the income of the said Trust Estate pay to *Srimati Ram Palit*, the daughter of *Jogendranath Palit* late nephew of the said settlor the sum of Rupees 15 (Rupees fifteen) per month during the term of her natural life

(f) That the said Trustee University shall from time to time make such contribution if any as in their discretion shall or may from time to time appear desirable in order to provide for the adequate instruction of and to give every facility by allotting separate accommodation in Lecture Rooms, Laboratories, Retiring Rooms or in any other like manner to female students who may be desirous of prosecuting their studies for the Degrees of Bachelor of Science with Honours, Master of Science or Doctor of Science and also to other female students who may be exceptionally qualified in any of the relevant subjects of study though they may not be undergraduates of any University.

(g) That the said Trustee University shall apply the entire balance of the income of the said Trust Estate in aid of and for the better carrying out of the Trusts in the said Indenture of the fifteenth day of June one thousand nine hundred and twelve.

7 It is hereby also declared notwithstanding anything hereinbefore contained that if at any time hereafter the said Trustees or the said Trustee University deem it necessary and expedient to make or execute heavy and substantial repairs, additions and alterations of and to the existing buildings forming part of the said premises No. 35, Ballygunge Circular Road and to partially or entirely fill up the Jhil on the grounds of the said premises with a view to the said premises being easily let or sold and the costs thereof cannot conveniently be met out of the income of the said Trust Estate then the said Trustees and the said Trustee University respectively are and is hereby authorised to pay for such costs out of the corpus of the said Trust Estate.

8. And it is hereby further declared and agreed

(a) That the said Trustees and the said Trustee University respectively may at their absolute discretion leave the said Trust Estate or any part or parts thereof or the investments thereof respectively in the same state of investment as the same are respectively at the date of these presents or as they may be when they are transferred and made over to the said Trustee University under these presents and may retain them in such state of investment respectively so long as the said Trustees or the said Trustee University shall think fit.

(b) That the said Trustees or the said Trustee University shall have full power to sell or exchange any part of the said Trust Estate on such terms and conditions and in such manner as they respectively shall think proper whenever in their judgment it shall be for the benefit of the said Trust Estate so to do and to apply the sale proceeds of any property sold in any way that they consider for the benefit of the said Trust Estate but no purchaser shall be bound to see to the application of the purchase money and the said Trustees or the said Trustee University may from time to time let and lease any part of the immovable properties belonging to the said Trust Estate from month to month or from year to year or for any term of years or in perpetuity with or without payment of premium for such leases respectively and on such terms and conditions and subject to such covenants as they respectively shall think fit and may accept surrender of leases tenancies and generally manage the said Trust Estate as they shall think fit.

(c) That any moneys liable to be invested by the said Trustees or the said Trustee University shall be invested by them respectively in their names or in the case of the said Trustees in the names of any two of them in any of the following forms of investments with liberty to vary and transpose the same from time to time namely Government Promissory Notes or other Securities of the Government of India, Calcutta Port Trust and Calcutta Municipal Debentures, Shares or Stock of Debentures of any Railway or other Company the interests and dividends accruing wherefrom shall have been guaranteed by the Secretary of State for India in Council or by the Government of India or by any of the Local Government in India, East Indian Railway Scrips, Bank of Bengal Shares, Purchase of Mortgage of immovable properties in Calcutta or its suburbs and any other securities authorised by any rule which the Calcutta High Court may from time to time prescribe as a proper investment for Trust Funds. Provided nevertheless that during the life of the said settlor the said Trustees or the Trustee for the time being shall invest the moneys liable to be invested in such forms of investment as he may approve.

(d) The said Trustees and the said Trustee University respectively may at their uncontrolled discretion instead of acting personally employ and pay any other person or persons to transact any business or to do any act of whatever nature in relation to the Trusts hereof without being liable for loss incurred thereby.

9 And it is hereby further agreed and declared that if any of the said Trustees shall die or permanently reside outside British India or shall desire to retire or refuse to act or become incapable of acting in the Trusts of these presents

then and in every such case it shall be lawful for the surviving or continuing Trustees or Trustee (and for the purpose of this clause every retiring Trustee shall be considered to be a continuing Trustee) to appoint a new Trustee or new Trustee hereof in the place of the Trustee or Trustees so dead or permanently residing outside British India or desiring to be discharged or refusing to act or becoming incapable of acting as aforesaid and such new Trustees shall be appointed by a majority of votes of the continuing Trustees. During the said settlor's lifetime the Trustees of these presents shall never be less than three in number and any vacancy in the said Trusteeship shall be filled up as soon as conveniently may be said upon every such appointment the said Trust Estate shall be vested in the new Trustees or Trustee alone or jointly with the surviving or continuing Trustee or Trustees as the case may be and every such new Trustee shall have the same powers and authorities as if he had been a Trustee appointed by these presents.

10 In case there shall arise any difference of opinion among the Trustees for the time being in regard to any Trust affairs or any act matter or thing proposed to be done in relation thereto the opinion and determination of a majority of the Trustees shall be conclusive. It is the intention of these presents that the acts and proceedings of the majority of the Trustees of these presents shall for all the purposes of this indenture be and be deemed to be and be taken as the acts proceedings of the whole or entire body of the Trustees any rule of Law or Equity to the contrary notwithstanding and no Trustee acting under these presents shall be liable for any loss not attributable (a) to his own dishonesty or (b) to the wilful commission by him of an act known by him to be a breach of Trust and the Trustees may reimburse themselves out of the said Trust estate all costs and expenses incurred by them in or about the execution of the Trusts of these presents.

11 It is hereby also declared that during the life time of the said Settlor, he in conjunction with any of the Trustees shall be competent to do all the acts required to be done by the Trustees or to exercise all the powers conferred upon them and the same shall be regarded as if they had been done or executed by all the Trustees.

In witness whereof the parties hereto have set their respective hands and seals the day month and year first above written

Signed Sealed and Delivered at No. 35,

Ballygunge Circular Road by all the
executants in the presence of

Sd. N. C. Bose Solr, Calcutta

„ Manmathanath Mitra

„ Girischandra Mukerjee

„ Pratapnath Sen, Art

Clerk to Mr. N. C. Bose

„ Charuchandra Sanval

Sd. T. Palit, O My Seal

„ T. Palit, O My Seal.

„ Asutosh Mookerjee

O My Seal

„ S. K. Mullick

O My Seal.

University of Calcutta

BY

Sd. Asutosh Mookerjee,

Vice-Chancellor.

SCHEDULE .

1. All that three-storied and the adjoining four-storied brick-built dwelling houses and premises together with the piece or parcel of land thereunto belonging and on part whereof the same are erected containing by estimation Twenty-four Bighas be the same a little more or less situate lying at and being premises No. 35, Ballygunge Circular Road within the Municipal limits of Calcutta being former Holdings Nos. 36, 37, 38, 38A, 39, 40, 41, 42, 43, 44, 44A, 45, 45A and 46 at present consolidated into Holding No. 65 Division 6 Sub-Division O in Dihi Panchannagram Thana Ballygunge Registration Office Alipore and butted and bounded in the manner following, that is to say, on the North by Ballygunge Circular Road on the South by Municipal drain on the East by the purchased land of Rani Kusum Kamini Debi wife of Raja Saradinou Roy of Balihar on the West by the house and premises No. 34, Ballygunge Circular Road belonging to Mr. J. Choudhuri, Barrister-at-law or howsoever otherwise the same is or may be described known or called in the deeds of title with regard thereto made over by the said settlor to the said Trustees together with all outhouses buildings godown stables coach houses compounds walls ways paths passages sewers drains tanks jhils waters water courses and all manner of rights privileges easements advantages appendages and appurtenances and fixtures whatsoever to the said hereditaments and premises or any part thereof.

Previous to the consolidation of Holdings Nos. 36, 37, 38, 38A, 39, 40, 41, 42, 43, 44, 44A, 45, 45A and 46 hereinbefore mentioned all the said Holdings had been redeemed by the said settlor excepting Holding No. 39 measuring two bighas seven tenths cottas and ten chittacks more or less of which Babu Baradakanta Chowdhuri is the superior landlord and which was redeemed by him and of which Holding the settlor is a permanent tenure holder paying an annual rent of Rupees twenty to the said Baradakanta Chowdhuri by virtue of Registered deed of Mourasi Mokrari lease dated 30th May one thousand eight hundred and eighty seven granted by his predecessor in title.

Estimated valuation Rs. 3,00,000

2. All that piece or parcel of land containing by measurement three bighas eighteen cottas five chittacks and thirty five square feet (as appears from Smart's survey) be the same a little more or less situate lying at and being premises No. 15 Gareha Road in Ballygunge within the Municipal limits of Calcutta and being former Holdings Nos. 67, 68, 69 and 70 and at present consolidated into Holding No. 48 Sub-Division O Division 6 in Dihi Panchannagram Thana Ballygunge Registration Office Alipore and butted and bounded in the manner following, that is to say on the north partly by the Municipal drain and partly by premises No. 43 Gareha first Lane on the South partly by premises No. 18 Gareha Road partly by road under construction being the extension and widening of the original Gareha Road and partly premises No. 14 Gareha Road on the East partly by the premises No. 20 Gareha Road and partly by premises No. 17 Gareha Road on the West partly by premises No. 14 Gareha Road partly by pathway between the premises No. 15 Gareha Road and premises Nos. 11, 12 and 13 Gareha Road and partly by the premises No. 43 Gareha first Lane or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all ways paths passages sewers drains tanks waters watercourses and all manner of rights privileges easements advantages and appendages whatsoever to the said hereditaments and premises.

Estimated valuation Rs. 20,000.

3. All that piece or parcel of land situate lying at and being premises No. 16 Gareha Road in Ballygunge within the Municipal limits of Calcutta containing by estimation one cottah nine chittacks and seven square feet more

or less (as appears from Smart's survey) being part of former Holding No. 66 now part of consolidated Holding No. 48 Sub-Division O Division 6 in Panchannagram Thana Ballygunge Registration Office Alipore and butted and bounded in the manner following, that is to say, on the North and East by the premises No. 17 Garcha Road on the South by the Road under construction as aforesaid on the West by the premises No. 15 Garcha Road belonging to the said settlor or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises.

Estimated valuation Rupees 600

4. All the piece or parcel of land situate lying at and being premises No. 18 Garcha Road in Ballygunge within the Municipal limits of Calcutta containing by estimation four cottahs thirteen chatacks and thirty square feet more or less (as appears from Smart's survey) being former Holding No. 66 present Holding No. 49 Sub-Division O Division VI in Dhi Panchannagram Thana Registration Office as aforesaid and bounded in the manner following that is to say on the North partly by premises No. 15 Garcha Road belonging to the said settlor and partly by common public passage on the South by the Road under construction as aforesaid on the East by the premises No. 19 Garcha Road on the West by the premises No. 17 Garcha Road or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises

Estimated valuation Rs. 2,000.

5. All that piece or parcel of land situate lying at and being premises No. 21 Garcha Road in Ballygunge within the Municipal limits of Calcutta in the Southern Division of the Town containing by estimation one Bigha three cottahs and five square feet more or less (as appears from Smart's survey) being former Holding No. 63B and present Holding No. 53 Sub-Division O Division VI in Dhi Panchannagram Thana Registration Office as aforesaid and butted and bounded in the manner following, that is to say on the North by Municipal drain on the South partly by the premises No. 22 Garcha Road partly by the premises No. 24 Garcha Road partly by the premises No. 25 Garcha Road belonging to Mohammad Yakub on the East by the premises No. 26 Garcha Road and on the West partly by the premises No. 20 Garcha Road and partly by public path or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all waters dhuls tanks drains rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises

Estimated valuation Rs. 3,500.

6. All that one storied brick-built messuage hereditaments and premises together with the piece or parcel of land situate lying at being premises No. 28 Garcha Road in Ballygunge within the Municipal limits of Calcutta in the Southern Division of the Town containing by estimation one Bigha one cottah four chatacks and twenty square feet more or less (as appears from Smart's survey) being former Holding No. 59 present Holding No. 58 Sub-Division O Division VI in Dhi Panchannagram Thana and Registration Office as aforesaid and butted and bounded in the manner following, that is to say, on the North and East by the premises Nos. 29—31 Garcha Road on the South by the Road under construction as aforesaid and by premises No. 27 Garcha Road on the West partly by premises Nos. 26 and 27 Garcha Road or howsoever otherwise the

same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all houses outhouses waters tanks drains sewers rights liberties privileges easements advantages appendages appurtenances whatsoever to the said hereditaments and premises.

Estimated valuation Rs. 10,000.

7. All that upper roomed brick-built messuage dwelling house tenements hereditaments and premises together with the piece or parcel of land hereunto belonging and on part whereof the same is erected containing by estimation two cottahs and thirty-one square feet more or less situate lying at and being premises No. 30 Munshi Wooly Woolla's Lane in Taltala in the Southern Division of the Town of Calcutta and butted and bounded in manner following, that is to say, on the North by Munshi Wooly Woolla's Lane aforesaid and on the South by premises No. 31-1 Taltala Lane being open and on the East by premises No. 30 Taltala Lane aforesaid and on the West by a public Lane sometimes described as Wooly Woolla's Lane aforesaid or howsoever otherwise the same is or may be described or called in the Deeds of Title with regard thereto made over by the said settlor to the said Trustees together with all rights liberties privileges appendages easements advantages and appurtenances whatsoever to the said hereditaments and premises

Estimated valuation Rupees 8,000

8. All that upper roomed brick-built dwelling house messuage tenement hereditaments and premises together with the piece or parcel of land hereunto belonging and on part whereof the same is erected and built containing by estimation fifteen cottahs eight chittacks and twenty one feet more or less situate lying at and being premises No. 7 Munshi Wooly Woolla's Lane in Taltala in the Southern Division of the Town of Calcutta and butted and bounded in manner following, that is to say, on the North partly by No. 23 Taltala Lane and partly by a public Lane on the South by Munshi Wooly Woolla's Lane aforesaid on the East partly by premiss No. 24 Taltala Lane aforesaid and partly by premises No. 25 Taltala Lane and partly by premises No. 29 Taltala Lane aforesaid being bustee land belonging to Haranchandra Newgy and on the West by premises No. 8 Munshi Wooly Woolla's Lane aforesaid belonging to one Munshi Alawarah Rahman or howsoever otherwise the same is or may be described or called in the Deeds of Title with regard thereto made over by the said settlor to the said Trustees together with all rights liberties privileges advantages easements appendages and appurtenances whatsoever to the said hereditaments and premises.

Estimated valuation Rupees 25,000.

9. All that piece or parcel of land containing by measurement five Bighas and four cottahs be the same a little more or less situate lying at being premises No. 90-3 Dhakuria Road in Dhakuria within the Municipal limits of the Town of Calcutta being former Holdings No. 136 and part of Nos. 138 and 139 and present Holdings Nos. 13, 14 and 18 Sub-Division U Division VI in Dihi Panchanagram Registration Office and Thana Alipur and butted and bounded in the manner following, that is to say, on the North by Dhakuria Road on the South formerly by portion of premises No. 90-3 Dhakuria Road at present by premises No. 20-1 Gobindopore Road and also by premises Nos. 91 and 91-1 Dhakuria Road belonging to Gurupada Haldar on the East by the premises No. 92-2 Dhakuria Road belonging to Babu Chooneylal Haldar on the West partly by premises No. 92 Dhakuria Road and partly by premises No. 91 Dhakuria Road belonging to Babu Gurupada Haldar or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all waters tanks drains

rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises.

Estimated valuation Rupees 20,000.

10. All that piece or parcel of land situate lying at and being premises No. 132-1 Russa Road in Kalighat within the Municipal limits of the Town of Calcutta containing by estimation ten cottahs thirteen chittacks and five square feet more or less being former Holding No. 316 and present Holding No. 3 Sub-Division Q Division VI in Dihi Panchannagram Thana Bhawanipore Registration Office Alipore and butted and bounded in the manner following, that is to say, on the North partly by premises No. 132-2 Russa Road and partly by a common pathway on the South by the premises No. 132 Russa Road belonging to Babu Horychoran Chatterjee on the East by premises No. 132-7 and 132-6 Russa Road both belonging to Babu Kallypodo Banerjee on the West by Russa Road or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all huts rooms tanks waters drains sewers rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises

11. All that piece or parcel of land situate lying at and being premises No. 132-4 Russa Road in Kalighat within the Municipal limits of the town of Calcutta containing by estimation Ten cottahs and fifteen square feet be the same a little more or less being former holding No. 316 and present Holding No. 3 Sub-Division Q Division VI Dihi Panchannagram Thana Bhowanipur Registration Office Alipore and butted and bounded on the North by a common pathway on the South by Babu Horychuran Chatterjee's land on the East by Municipal drain on the West by premises No. 32-6 Russa Road belonging to Babu Kalipada Banerjee or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all huts rooms tanks waters drains sewers and all rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises.

Estimated valuation of items 10 and 11 together Rupees 10,000.

12. All that piece or parcel of land situate lying at and being premises No. 149 Tallygunge Road in Kalighat within the Municipal limits of the town of Calcutta containing by estimation five cottahs fifteen chittacks and twenty five square feet be the same a little more or less being former holding No. 118 present Holding No. 44 Sub-Division F Division VI in Dihi Panchannagram Thana Kalighat Registration Office Alipore and butted and bounded on the North by premises No. 168-2 Tallygunge Road belonging to Sreemutty Aghormani Dassee on the South and East by footpath and Municipal drain on the West by premises No. 148 Tallygunge Road belonging to Jogendranath Haldar or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all huts rooms tanks waters drains sewers and all rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises.

13. All that piece or parcel of land situate lying at and being premises No. 149A Tallygunge Road in Kalighat within the Municipal limits of Calcutta containing by estimation six chittacks and ten square feet be the same a little more or less being former Holding No. 118 and present Holding No. 56 Sub-Division F Division VI in Dihi Panchannagram Thana Bhowanipur Registration Office Alipore and butted and bounded in the manner following that is to say on the North and West by footpath on the East and South by Municipal drain or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor

to the said Trustees together with all waters drains sewers privies and all rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises.

Estimated valuation of items 12 and 13 together Rs. 2,500.

(Sd.) T. PALIT.

Witness;

(Sd.) ASUTOSH MOOKERJEE.

N. C. Bose.

(Sd.) S. K. MULLICK

SCHEDULE B.

1. Government Securities.

No.	074903	of the	3½%	Loan of 1900 for Rs.	100
"	074904	"	"	"	100
"	060460	"	"	"	100
"	060461	"	"	"	100
"	060462	"	"	"	100

Present approximate value of the aforesaid Government Securities is Rs. 475.

2. Bank of Bengal Shares.

Ten Shares Nos. 20891 to 20895, 28264 to 28266; 26886 and 35601 for Rs. 5,000 comprised in one certificate of the said Bank Reg. Fol. 4576177.

One share No. 640 for Rs. 500 comprised in the certificate of the said Bank Reg. Fol. 4777.

Present approximate value of the aforesaid eleven shares is Rs. 18,700.

3. One Port Trust Debenture No. 2803 of 1883 of the 4½% Loan for Rs. 5,000.

Present approximate value whereof is Rs. 5,000.

4. Punna Lal Seal's Debentures.

One Debenture No. 338 of the 5½% Loan for 1,000.

One Debenture No. 345 " " 1,000.

One Debenture No. 348 " " 1,000.

Present approximate value of the aforesaid Debentures is Rs. 3,000.

5. Principal Sum Lent to *

upon his Promissory Note dated the 10th of June, 1910, bearing interest at Rs. 7 per cent. per annum..... Rs. 26,000.

Interest due.....Nil.

6. Principal Sum Lent to

upon his Promissory Note dated the 10th of June, 1910, bearing interest at 7 per cent. per annum..... Rs. 20,000.

Interest due.....Nil.

7. Principal Sum lent to
upon his Promissory Note dated the 3rd October 1912, bearing interest at the
rate of 4½ per cent. per annum Rs. 16,000.

8. Principal Sum of Rs. 1,750 lent to
carrying interest at 6 per cent. per annum and secured by a Policy of insurance
No. 29002 of the Empire of India Life Assurance Company, Limited, for
Rs. 2,000 and dated the 25th of July, 1912, made by the said
in his favour and assigned by him to T. Palit on the 16th of August, 1912.
..... Rs. 1,750

Interest due Nil

(Sd.) T. PALIT.

Witness

„ ASUTOSH MOOKERJEE.

N. C. BOSF.

„ S. K. MULLICK.

SCHEDULE C.

Mortgages.

I. Indenture of Mortgage between T. Palit and ----- dated
the 9th of June 1904, registered on the 14th of June, 1904, at the Calcutta
Registry Office bearing Registration No. 1024 for the year 1904.

Principal sum now due Rs. 4,000

Interest due up to the 30th of September, 1912 „ 60

Securities

(1) Premises No. 16 Bhagaban Banerjee Lane in Calcutta

(2) Premises No. 19 Bhagaban Banerjee Lane in Calcutta

(3) Premises No. 14-1 Sikdarpara Lane in Calcutta.

(4) The undivided half share in the parcel of land containing by estimation, 2 chittaks and 40 square feet in Sikdarpara Lane in Calcutta and bounded on the north by a common passage, on the East by premises No. 12, Sikdarpara Lane, on the South by Sikdarpara Lane, and on the West by Bansidhar Mallik Lane bearing no municipal number.

(5) Premises No. 14-2 Sikdarpara Lane in the town of Calcutta

II. Indenture of Mortgage between T. Palit and -----
----- dated the 22nd September, 1904, registered on the 6th January,
1905, at the Calcutta Registry Office, bearing Reg. No. 30 for the year 1905 and

Deed of further Charge between the parties aforesaid dated the 31st of
July, 1908, and registered on the 3rd of August, 1908, at the Calcutta Joint-Sub-
Registry Office bearing Reg. No. 888 for the year 1908

Principal sum now due Rs. 13,000

Interest due up to the 30th of September, 1912 Nil.

Securities.

(1) All that grant known by the name of Luckypore in Kumar Khoy in
the District of 24-Perganas thanna and Sub-Division Matla bearing No. 54 of the
Sundarband grant and fully described in the Schedule A to the said Indenture
of mortgage.

(2) The Premises No. 5 Pratapchandra Ghose's Lane in Calcutta fully
described in the said Schedule A to the said Indenture

(3) The Premises No. 13 Panchee Dhobani's Lane in Calcutta and fully described in Schedule B to the said Indenture.

(4) All That Estate or Talook called Huda Sarbalara in Pergana Kasi-jara in Zilla and Registration Office Midnapur and Registration Sub-District Tumlook.

(5) All That purchased Lakraj water land containing by estimation one and half bighas in the jote of Madhu Mutla in Perganah Tumlook Mouza Murari Kalooah.

(6) All That waterland containing by estimation one and a half bighas in the jote of Damoo Dutt in Mouza Murari Kalooah aforesaid

(7) All That piece of water land containing by estimation one bigha and six cottahs in Mouza Murari Kalooah in the jote of Kailash Bhanja.

(8) All That piece of water land containing by estimation one bigha 5 cottahs and half chittak in the jote of Sundar Tantee in Mouza Murari Kalooah aforesaid.

(9) All That piece of water land containing by estimation 4 cottahs in jote of Gorari Tantee in Mouza Murari Kalooah aforesaid

(10) All that piece of land containing by estimation 8 cottahs in Mouza Murari Kalooah aforesaid

(11) All that piece of water land measuring one bigha in the jote of Kusoo Berra in Mouza Murari Kalooah aforesaid.

(12) All That piece of water land measuring 8 cottahs in the jote of Raghu Berra in Mouza Murari Kalooah aforesaid.

(13) All That piece of purchased Brahmottar water land measuring one bigha and twelve cottahs in Mouza Murari Kalooah aforesaid.

(14) All That piece of land measuring 10 bighas and 3 cottahs with Lakhraj tank and palm and trees growing on the bank of the same with golabaree on the north side, with wall surrounding with doors in Mouza Murari Kalooah and Bonamally Kalooah and bounded on the West by Lakhraj water land of Madhusudan Dutt, and also by Lakhraj Land of the said Estate, on the East by garden house of Ramruttan Ghosh, on the south by water land on the North by the Gur of Sarodaprasanna Ghosh.

(15) All That piece of Lakhraj garden land measuring one bigha and 13 cottahs in Mouza Doub bounded on the East by Lakhraj Gurkhye of Madhusudan Dutt, on the South by Government land on the North by water land, on the West by public road

(16) All That piece of Lakraj land measuring one bigha in Mouza Murari Kalooah and Bonamally Kalooah aforesaid with one storied pucca Kutchery Barea and all other buildings adjoining the same with doors and with all other appurtenances thereto and bounded on the East by the path way, on the South by the land of Ram Narayan Ghosh, on the north by house belonging to the said Estate, on the West by tank of Ram Narayan Ghosh.

(17) All That piece of Lakhraj land measuring three bighas with two storied brick-built *pucca* house and a baitakhana on the south thereof and all other appurtenances thereto in the said Mouza and bounded on the East by house and path of Raghunath Jee, on the South by Pathway, on the West by land of Madhusudan Ghosh, on the North by family dwelling house of Preonath Ghosh and another.

(18) All That piece of Lakhraj land measuring 10 cottahs with brick built family dwelling house in the aforesaid Mouza and all that Lakhraj land measuring five cottahs with one storied room in the aforesaid Mouza, and the former of which is bounded on the East by *pucca* house of the said Estate on the West

by a cook-room belonging to same and house of Madhusudan Ghosh, on the South by house of Ramnarayan Ghosh, on the North by house of Gobindo Ghosh.

(19) All That piece of Lakhraj land measuring one and a half bighas with tank and several species of trees in the aforesaid Mouza and bounded on the East by the Khirkee of the said Estate and land of Ramnarayan Ghosh, on the West by public road; on the south by Cowshed of Sarada Ghosh, on the North by tank of Ramchandra, deceased.

(20) All That Kulla Tool Bootee in Pergannah Tumlook and Mouza Kazee Chuk with land measuring twelve cottahs in the jote of Madhusudan Maiti and bounded on the East by public road, on the West by Kally baree land, on the North by tank, on the South by Kally baree.

(21) All That piece of purchased Lakhraj land with garden and tree measuring six bighas in Pergannah Kasee Jorah, Mouza Hirapur in the jote of Raghu Beira and Hari Satra and bounded on the South by Brahmottor land of Chandra Chakrabarti, on the North by Pathrunpur Village limit and on the West by public road.

(22) All That piece of Lakhraj of Kalee baree measuring five bighas and 12 cottahs containing tank and trees in the Mouza aforesaid in the jote of Gridhur Rajh and others and bounded on the East by Gurkhye of Pudoompore on the North by water land, on the West by water land, on the South by land of Madhu Sarkar

(23) All That piece of Lakhraj water land measuring 16 cottahs in Mouza Denab Kalboah in the jote of Dubee Janna.

(24) All That piece of land measuring six and a half cottahs in the aforesaid jote and Mouza and bounded on the East by Drain on the West by Lakhraj land of Madhusudan Sarkar, on the North by the land of the said Estate, on the South by Mall land of Kally Bhuiya

(25) All That piece of water land measuring 15 cottahs in the jote of Radhu Manna in Mouza aforesaid.

(26) All That piece of water land measuring one bigha and two cottahs in the jote of Natebar Manna in Mouza aforesaid.

(27) All That piece of water land measuring eleven cottahs in the jote of Abhay Tantee in Mouza aforesaid.

(28) All That piece of water land measuring 11 cottahs in the jote of Dabee Janna in Mouza aforesaid.

(29) All That piece of water land measuring sixteen and a half cottahs in the jote of Troylukhya Rowt in Mouza aforesaid.

(30) All That piece of water land measuring 9 cottahs in the jote of Hari Maiti in Mouza aforesaid.

(31) All That portion of the Estate Tumlook called Casee Chuk Path Pookuria and Kazee Chuk Bakra Baj lying in Pergannah Tumlook in Zilla and Registration District Midnapur, bearing Towjee No. 45 now No. 2535.

(The Properties specified in Sub-Clauses (4) to (31) aforesaid are bounded and otherwise more particularly described in the manner detailed in Part I of Schedule C to the said Indenture of Mortgage, all of them being in District Midnapur, Sub-Registry and Thana Tumlook).

(32) All That Zemindari of Iatni Talook bearing Towji No 1 of the Burdwan Collectorate known by the name of lot Haripur situate in Pergannah Bhorsoot in Zilla Hooghly in the province of Bengal Registration District Hewrah Sub District Amta and Thana Amta consisting of three Mouzas namely Nij Haripur, Chaldakhally and jote Sudder and held under the Burdwan Raj at an annual rent of Rs. 2204.

III. Indenture of Mortgage between T. Palit and ———— dated 13th of February, 1906, Registered on the 14th of February, 1906, in Calcutta bearing No. 172 for 1906. And deed of further charge between the parties aforesaid dated the 27th of September, 1911, and registered in Calcutta on the 6th of December, 1911, bearing Reg. No. 3232 for the year 1911.

	Rs-
Principal sum now due	15,000
Interest due up to 30th of September, 1912 ...	Nil

Securities.

- (1) The premises No. 23 Mukhtaram Baboo's Street in Calcutta.
- (2) All that piece or parcel of tenanted land containing by estimation 5 cottahs 13 chittaks 38 sq. ft being premises No. 21 Imam Baree Lane in Burtola Holding No. 53, Block No 13 in the southern division of the town of Calcutta.
- (3) All that piece or parcel of Mourasi Mokhari garden land together with upper roomed brick-built house, ghats, gates, etc., containing by estimation 11 bighas 5 cottahs more or less lying at Barbarakpore, near vellor, Pergunnah Bora, Thana and Police Station Bally, Sub-Registration and Registration District Howrah and butted and bounded in manner following, that is to say, on the North partly by the garden of Girishchandra Ghosh, partly by the land and house of Bonomally Shaik, partly by the land of Sreemati Chandra Moni Debee and partly by the land of Lalchand Mallik, on the East partly by the garden and Jama land of Kunjabihari Bysakh and partly by the Jama land of Rajkrishna and Ramkrishna Sanyal and partly by the Jama land of Sureshchandra Mitra, on the South by Lala Babu Shah's Lane and on the West partly by Kasrapara Lane, partly by the Jama land and house of Sirlot and partly by the Jama land of Mahendranath Bysakh, as well as all that piece or parcel of Lakhraj land adjacent to the premises aforesaid containing by estimation about two cottahs.

IV. Deed of transfer bearing date 27th of June, 1906, from N. C. Bose to T. Palit of an Indenture of Mortgage between N. C. Bose and ———— dated the 26th March, 1903, and

Deed of further charge between T Palit and ———— aforesaid dated 7th of October, 1912.

Principal sum now due	Rs. 1,00,000
Interest due up to the 30th September, 1912 ...	Nil

Securities

All That upper roomed brick-built messuage tenement or dwelling house and godowns together with the piece or parcel of land thereunto belonging whereon or on part whereof the same is erected and built containing by actual measurement Eight cottahs Six chittaks and Twenty two square feet being the portion marked A and enclosed within red borders in the map or Plan No. 8 annexed to the return of the Commissioners of Partition in Suit No. 481 of 1876 and No. 267 of 1883 of the High Court of Calcutta (Dutt vs. Dutt) situate lying at and being premises No. 28 Strand Road Block No. VI Holding No. 31 North Division in the Town of Calcutta paying an annual Government Revenue of Rupees sixteen annas seven and pies ten only for the entire holding and butted and bounded in the manner following, that is to say, on the North by Canning Street. on the East by the land and premises belonging to Heralal Dutt and Motilal Dutta, on the South by a common passage and on the West by the Strand Road.

V. Indenture of Mortgage between T. Palit and—dated 9th September, 1909, registered at Calcutta Registry Office on the 11th September, 1909, and bearing No. 234—3, for the year 1909.

Principal sum now due	..	Rs 30,000
Interest due up to the end of September, 1912	..	Nil

Securities.

All that piece or parcel of rent free land together with the two several messuages tenements or dwelling houses known as the premises No 6-3 Dwarkanath Tagore's Lane in Calcutta and more particularly described in the Schedule to the said Indenture and delineated in the plan annexed thereto.

VI. Bengali Mortgage Deed between T. Palit of the one part and ————, and ————, of the other part dated the 10th day of May, 1910 (27 of Baisakh 1317 B. S.) registered at the Joint Sub-Registry Office of Alipore, bearing Reg. No. 1621 for 1910, as rectified by a Bengali Deed of Rectification between the said parties dated the 27th day of May, 1911, and registered at the said Sub-Registry of Alipore on the said date of the 27th day of May, 1911, bearing Reg. No. 288 for 1911

And

Bengali Deed of further charge between the said parties dated the 27th day of May, 1911, and registered at the said Sub-Registry of Alipore on the said 27th day of May, 1911, bearing Reg. No. 1949 for 1911. And also another

Bengali Deed of further charge between the said parties dated the 2nd day of August, 1911, and registered at the Sudder Sub-Registry of 24 Pergannahs bearing Reg. No. 2224 for 1911

Principal sum now due under the above deeds	..	Rs. 40,000
Interest due up to the end of September, 1912	..	Nil

Securities

The right, title and interest of the Mortgagors in the following properties —

(1) All Seven annas share in the premises Nos. 2 and 3 Bishu Babu's Lane in Mauza Kidderpore Thana Watgunge, Sub-Registry Alipore in the District of 24 Pergunnahs, together with a two-storied brick built dwelling house standing on a portion thereof.

(2) All those premises No. 9 Bishu Babu's Lane aforesaid together with an one-storied brick built house standing on a portion thereof.

(3) All those premises No. 11 Bishu Babu's Lane aforesaid together with an one-storied and a two-storied building and a corrugated iron shed standing on portion thereof.

(4) All those premises No. 32 Puddopukur Street in Kidderpore.

(5) All those premises No. 33-1 Puddopukur Street aforesaid together with an one-storied brick built house standing on a portion thereof.

(6) All those premises No. 33 Puddopukur Street aforesaid together with an one storied brick built house and corrugated iron sheds standing on portions thereof.

(7) All those premises Nos. 33-2 and 32-1 Puddopukur Street aforesaid and commonly known as Munshi Bagan

(8) All those premises Nos. 34 and 34-2 Kutri Road

The above-named seven properties being within the municipal limits of the town of Calcutta in Kidderpore Sub-Registry Alipore Pergannah Magura Thana Watgunge in the District of 24-Pergannahs

(9) All those premises commonly known as Khardah Rahara Garden containing by estimation 24 bighas more or less of Mourasi Mokhari Brahmottar land in Thana Nababgunge, Sub-Registry Barrackpur in the District of 24-Pergannahs together with garden trees, tank, jhils, ghats, and butted and bounded in the manner following, that is to say, on the North by a *kutchhu* road, on the East by the garden of the late Satcowri Banerjee, on the South by a Municipal *pucca* road, and on the West partly by land belonging to the said Satcowri Banerjee and partly by a *kutchhu* road

[The above properties enumerated and specified in clauses (1) to (9) are more fully described in the respective schedules to the said three Bengali Deeds aforesaid]

VII. Bengali Deed of Mortgage between T. Palit and ——— dated the 1st of February, 1911, and registered on the said 1st February, 1911, at the Sudder Sub-Registry of 24. Pergannahs bearing Reg. No. 266 for 1911 and

Bengali Deed of further charge between the said parties dated the 29th day of June, 1911, and registered on the said 29th day of June, 1911, at the Sub-Registry Office of Alipore bearing Reg. No. 1806 for 1911, and also another—

Bengali Deed of further charge dated the 10th day of August, 1911, and between the parties aforesaid and registered on the said 10th day of August, 1911, at the said Alipore Sub-Registry Office bearing Reg. No. 2315 for 1911.

Principal sum now due under the above three Deeds ... Rs. 10,000.

Interest due up to the end of September, 1912 Nil.

Securities.

The Right, Title and Interest of the said Mortgagor in the properties hereinbefore in Clause VI enumerated and more fully and particularly described in the schedules respectively annexed to the said three Bengali Deeds.

VIII. Bengali Deed of Mortgage between the said T. Palit of the one part and ——— and ——— of the other part dated the 15th of May, 1912, and registered on the date at the Alipore Joint Sub-Registry Office bearing Reg. No. 1514 for 1912.

Principal sum now due ... Rs. 7,000

Interest due up to the end of September, 1912 ... Nil.

Securities.

(1) The Right, Title and Interest of the said Mortgagor—
in the properties in the said clause VI enumerated whereof the said mortgagee Bankubehari Mallik Chaudhuri was appointed the receiver.

(2) All that tank known as the Munshi tank in Village Kidderpore, Thana Watgunge, Sub-Registry Alipore in the District of 24-Pergannahs containing by estimation one bigha of land and bounded in the manner following, that is to say, on the North partly by the dwelling house of Bishu Babu and partly by a lane, on the South and the East by the bustee land of the late Roy Akhilchandra Mukerjee Bahadur, on the West by the bustee land of Ganeschandra Sen And—

(3) All that Land known as Chaku land in Mahalpura Mouza Kitgunge, Pergannah Chail, Thana Kitgunge, Sub-Registry Allahabad (in the District of Allahabad) containing by estimation one bigha of land and bounded in the manner following, that is to say, on the North and East by a public lane, on the South by the *Bhat Bates* of Ram Dutt Sukul and Golam Hossain, and on the West partly by the dwelling house of Golam Hossain, Jadu Noonia, Dadu Noonia and partly by the land belonging to Madhab Pathak and Kanai Bania.

[All the above properties are fully and particularly described in the schedules to the said Bengali deed]

IX Indenture of Mortgage between T. Palit and ————— and dated 22nd day of April, 1912 and registered on the same date at the Calcutta Registry Office bearing Reg. No. 914 for 1912. And an—

Indenture of further charge continued on the above Indenture between the said parties dated the 29th day of June, 1912, and registered on the same date at the said Calcutta Registry Office bearing Reg. No. 1485 for 1912.

Principal sum now due on said two.

Indentures ... Rs. 10,000

Interest due thereon up to the end of

September. 1912 ... 250.

Securities.

All that upper roomed brick built messuage or dwelling house together with piece or parcel of land or ground thereto belonging or on the part whereof the same is erected and built containing as per Collectorate Pottah thereof two bighas ten cottahs one chittack and thirty-three square feet of land more or less known as No. 26, (formerly No. 15) Camac Street being Holding No. 32, Block No. XI in the Southern Division of the town of Calcutta and more fully and particularly described in the said two Indentures aforesaid

Witness

N. C. ROSE.

(Sd) T. PALIT

" ASUTOSH MOOKERJEE.

" S. K. MULICK.

SCHEDULE D.

Equitable Mortgages.

1. Equitable Mortgage by B. L. Gupta and S. C. Gupta in favour of T. Palit.

Principal sum now due ... Rs. 18,500.

Interest due up to 30th September, 1912 ... Rs. 92-8.

Securities.

(a) Promissory Note dated the 7th April, 1910, executed by B. L. Gupta and S. C. Gupta in favour of T. Palit for 21,000.

(b) All that piece or parcel of land or ground containing by estimation one bigha eleven cottahs being premises No. 9 and portion of No. 9-1, Lower Rawdon Street in Ballygunge Thana Ballygunge, Sub-Registry Alipore and butted and bounded in manner following, that is to say, on the North by a private road, on the East by the land belonging to Mr. S. K. Das, on the South partly by a Private road and partly by premises Nos. 22 and 23 Rowland Road and on the West by

Lower Rawdon Street and delineated in the map or plan annexed to the conveyance from Arthur Clayton Dulcken to B. L. Gupta dated the 28th of September, 1908.

Equitable Mortgage by Sreemati Indumati Debi and Probodh Chandra Chatterjee in favour of T. Palit.

Principal sum now due	...	...	Rs. 500
Interest due up to 30th September 1912	...	...	Nil.

Securities.

(a) Promissory Note dated the 16th March, 1912, executed by Sreemati Indumati Debi and Probodh Chandra Chatterjee in favour of T. Palit for Rs. 500.

(b) All that one storied brick built dwelling house and its appurtenances and premises together with the piece or parcel of land thereunto belonging and on part whereof the same is erected and built containing by estimation 1 cottah 5 chatacks 35 square feet and 6 inches being premises No. 323 Beadon Street in Calcutta, butted and bounded in manner following, that is to say, on the North and West by the house of Nundolal Bhattacharyya, on the East by a drain and thereafter by the house of Bhubanmohan Ghose and on the South by Beadon Street.

Equitable Mortgage by Nilratan Mondal, Satyacharan Mondal, Fatikchandra Mondal and Amulyaratan Mondal.

Principal sum now due	...	...	Rs. 45,000.
Interest due up to 30th September, 1912	...	...	3,600.

but not realisable as the mortgagors have been adjudicated insolvents

Securities.

(a) Promissory Note dated the 10th January, 1911, for Rs. 34,000, executed by Nilratan Mondal and others in favour of T. Palit.

(b) Promissory Note dated the 15th of February, 1911, for Rs. 12,000, executed by Nilratan Mondal and others in favour of T. Palit.

(c) The premises No. 6 Jagannath Sircar's Lane in Kidderpore butted and bounded in manner following, that is to say, on the North by Jagannath Sircar's Lane, on the East by Nilratan Mondal and others' land being premises Nos. 6-1, 7 and 7-1, Jagannath Sircar's Lane, on the south by Jibanhari Mukerjee's House and on the West partly by premises No. 23 Garbari Road partly by premises No. 22 Garbari Road and partly by premises No. 21 Garbari Road.

(d) The premises Nos. 26 and 27 Garbari Road in Kidderpore butted and bounded in the manner following, *viz.*, on the North partly by Debendranath Mukerjee's Lane and partly by the premises No. 29 Garbari Road, on the West by Garbari Road, on the South by premises No. 25 Garbari Road and on the East partly by premises No. 41-1 Watgunj Road and partly by premises No. 26-1 Garbari Road.

(e) The premises No. 4 Jagannath Sircar's Lane in Kidderpore butted and bounded in the manner following, *viz.*, on the North by premises No. 41-1, Watgunj Road, on the East by premises No. 3, Jagannath Sircar's Lane, on the South by Jagannath Sircar's Lane and on the West by premises No. 5 Jagannath Sircar's Lane.

(f) The premises No. 27 Nazir Mahomed Ghat Manjhi's Lane in Kidderpore butted and bounded in the manner following, that is to say, on the North by a Lane and premises No. 28 Nazir Mahomed Ghat Manjhi's Lane on the East partly by premises No. 28 Nazir Mahomed Ghat Manjhi's Lane and partly

by premises No 26 Nazir Mahomed Ghat Manjhi's Lane and on the West by a Lane.

(g) The premises No. 74 74-1 and 75 Manshatala Lane in Kidderpur butted and bounded in manner following, that is to say, on the North by premises No. 75-1 Manshatala Lane, on the East by a Lane and premises No. 16 Manshatala Lane and on the West by premises No. 76 and 77-1 Manshatala Lane.

(h) The premises Nos. 12, 12-1, 13 and 13-1 Koyla Sarak Road in Kidderpur butted and bounded in manner following, that is to say, on the North by premises Nos. 14-1 and 14 Koyla Sarak Road on the East by Koyla Sarak Road, on the south partly by Koyla Sarak Road and partly by the Bustee Road leading to Bhukalas Road and on the West by premises No 11-2 Koyla Sarak Road

(i) The Right, Title and Interest of the mortgagors aforesaid in the premises No 19 Manshatala Lane in Kidderpur butted and bounded in manner following that is to say on the North by the *pacca* wall of the house of Akhoykumar Karmakar deceased on the East by the house of Ram Chandra Chakrabarti and others, on the South by Manshatala Lane and on the West by the house of Akhoykumar Karmakar deceased.

(j) The Right, title and Interest of the mortgagors aforesaid in the premises No 6 Ashu Babu's Lane in Kidderpur being butted and bounded in manner following, that is to say, on the North by Ashu Babu's Lane, on the South by the house and land of Gopal Jew Thakur, on the East by the house of Boykunto Ganguli and on the West by the land of Probodhchandra Banerjee and others.

All the aforesaid properties from (c) to (j) are situated in the district of 24-Pergannahs, Registration Office Alipur Thana Watgunge

Witness

N C. Bose

Sd T Palit.

„ Asutosh Mookerjee.

„ S. K. Mullick

Presented for Registration between the Hours of 2 and 3 P.M. on the 14th day of October, 1912, at the Calcutta Registry Office by Pramathachandra Kar, son of the late Rai Hemchandra Kar, Bahadur, of No. 12 Old Post Office Street, Calcutta, by caste Kayastha, by occupation Solicitor, as agent for Taraknath Palit under a General Power of Attorney No. 110 for 1904, executed in the presence of the special Sub-Registrar of Alipur.

Sd. P. C. KAR.

Sd. KRIPANATH DUTT

Dist. Registrar of Assurances, Calcutta.

14-10-12

Execution is admitted by the above Pramathachandra Kar, under power cited above, who is personally known to me

Sd. P. C. KAR.

Sd. KRIPANATH DUTT.

Dist. Registrar of Assurances, Calcutta

14-10-12.

Execution is admitted by the Hon'ble Justice Sir Asutosh Mookerjee, Kt, Vice-Chancellor, Calcutta University, who is personally known to me.

Sd ASUTOSH MOOKERJEE.

„ KRIPANATH DUTT.

Dist. Registrar of Assurance, Calcutta.

15-10-12.

Execution is admitted by Sisirkumar Mullick, son of the late Atullachandra Mullick, of No. 3 Old Ballygunge Road, Suburb of Calcutta, Bar-at-Law, who is identified by Pratapnath Sen of No. 10 Hastings Street, Calcutta, articled clerk to Mr. N. C. Rose, Solicitor.

Sd. PRATAPNATH SEN.

Sd. S. K. MULLICK.

„ KRIPANATH DUTT.

Dist. Registrar of Assurance, Calcutta.

15-10-12

8

PROFESSORSHIP OF COMPARATIVE PHILOLOGY.

In order to provide for the teaching of Comparative Philology, the Senate at their meeting held on the 19th of July, 1913, unanimously accepted the recommendation of the Syndicate that a Professorship of Comparative Philology be established and that the first appointment be made for a term of three years on a salary of Rs 600 a month. In accordance with sections 1 and 10, Chapter IX of the University Regulations, the above proposal which was submitted to the Governor General in Council, received the sanction of the Government of India on the 21st of August, 1913.

PROFESSORS.

1913-15. Dr. Otto Strauss, Ph.D

1917-20 }
1920-27 } Dr. Irach Jehangir Sorabji Taraporewala, B.A., Ph.D.

9-14.

Sir Rash Behary Ghose Professorship of Applied Mathematics, Physics, Chemistry and Botany

On the 8th of August, 1913, Sir Rash Behary Ghose, Kt., C.S.I., C.I.E., M.A., D.L., Ph.D., offered to place at the disposal of the Calcutta University the munificent sum of Ten lakhs of Rupees for the promotion of Scientific and Technical Education and for the Cultivation and Advancement of Science, Pure and Applied, amongst his countrymen by and through indigenous agency, on the conditions, stated in the following letter.

46 THEATRE ROAD,
CALCUTTA.

The 8th August, 1913.

MY DEAR SIR ASUTOSH,

For some time past, it has been my desire to place at the disposal of my University a substantial sum for the promotion of Scientific and Technical Education and for the Cultivation and Advancement of Science, Pure and Applied, amongst my countrymen by and through indigenous agency. I have now decided to make over to the University a sum of ten lakhs of Rupees, in furtherance of the University College of Science, as projected by you with the sanction of the Senate, and my gift to the University will be made on the following conditions:—

First.—That the sum be invested in such approved securities as would produce an income, whenever practicable of four per cent per annum.

Second.—That four University Professorships or Chairs be established, one for each of the following subjects:—

- (a) Applied Mathematics.
- (b) Physics.
- (c) Chemistry.
- (d) Botany, with special reference to Agriculture.

Third.—That the Chairs mentioned be always filled by Indians (that is persons born of Indian parents as contra-distinguished from persons who are called Statutory Natives of India.)

Fourth.—That the salary of each Professor be as nearly as possible, a sum of six thousand rupees annually, to be paid out of the income of the fund; but that it be open to the Senate to supplement such sum from the University or other funds at their disposal from time to time.

Fifth.—That the appointments to the Chairs be made by the Senate upon the nomination of the Board to be constituted as stated hereinafter, and the power of removal of Professors by the Senate, if occasion should ever arise, be exercised only after the matter has been considered by the said Board.

Sixth.—That every person elected to one of these Chairs, whether he has been educated in this country or elsewhere, may, in the discretion of the Senate be required, before he enters upon the execution of the duties of his office, to receive special training, during a period of not less than one year and not more than two years, under specialists in Europe, America, Japan or such other place outside India, as the Senate may, in each instance upon the recommendation of the Board, determine; and that during such period the Professor-elect be paid, from the income of the fund, such allowance as the Senate may, upon the recommendation of the Board, determine, so as to enable him to receive a thorough theoretical and practical training in his special subject.

Seventh.—That it be the duty of each Professor—

(a) to carry on original research in his special subject with a view to extend the bounds of knowledge and to improve, by the application of his researches, the Arts, Industries, Manufactures and Agriculture of this country;

(b) to stimulate and guide research by advanced students, and generally, to assist them in Post-graduate work, so as to foster the growth of real learning amongst our young men.

Eighth.—That eight studentships be founded, each of the annual value of nine hundred rupees, to be paid out of the income of the fund; that such studentships be annually awarded by the Syndicate, on the recommendation of the Board, to distinguished graduates who have taken the Degree of Master in the Faculty of Arts or the Faculty of Science; and that two Students be attached to each Professor, to carry on investigation under his guidance and generally to assist him in his work of original research.

Ninth.—That a graduate who has been elected a Student for any year be eligible for re-election, if his work has been satisfactory, and the Senate may, in their discretion, supplement the stipend payable to any Student, from the University or other funds at their disposal: provided, nevertheless, that a graduate elected to one of those studentships shall devote himself exclusively to research in his special subject, and shall not, so long as he holds the studentship engage in the study of Law or any other branch or professional knowledge.

Tenth.—That, subject to the general principles outlined above, the mode of appointment of Professors, the terms and conditions under which they are to hold office, and the manner in which they are to discharge their duties, as also the conditions on which the studentships shall be awarded, retained, and renewed, be determined by Rules to be framed by the Senate in that behalf, from time to time, upon the recommendation of the Board.

Eleventh.—That the Senate do, on the recommendation of the Board, make adequate provision for Laboratories. Museums, Workshops, Appliances and all other requisites, essential for the due discharge of their duties by the Professors and for original investigation by the Professors and the Students attached to them.

Twelfth.—That whatever balance may remain out of the annual income of the fund, after payment of the salaries and allowances of the Professors and the stipends of the Research Students, as provided above, be on the recommendation of the Board, applied in the equipment and maintenance of the Laboratories and Museums, in so far as such equipment and maintenance may be necessary for the accomplishment of the work undertaken by the Professors, the Students attached to them, and other advanced pupils, if any.

Thirteenth.—That the Board mentioned above do consist of the following persons, namely:—

1. The Vice-Chancellor of the University as *President, Ex-officio*.
2. The Director of Public Instruction, Bengal.
3. The Dean of the Faculty of Science of the University.
4. The Dean of the Faculty of Engineering of the University.
- 5-8. The Professors of Applied Mathematics, Physics, Chemistry and Botany (appointed as provided above).

9-12. Four members of the University, to be annually elected by the Senate two of whom, at least, shall be representatives of Calcutta Colleges under Indian management, affiliated in Science to the University.

13-15. The nominees of the Founder, namely—

(a) The Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.Sc. D.L., Ph.D., F.R.A.S., F.R.S.E., F.A.S.B.

(b) Professor Prafullachandra Ray, C.I.E., D.Sc., Ph.D., F.C.S.

(c) The Hon'ble Babu Mahendranath Ray, C.I.E., M.A., B.L.

These nominees of the Founder are and each of them is authorised to nominate his or their successor or successors; and the power of nominating a successor or successors shall be inherent in every original or derivative nominee of the Founder.

The proceedings of the Board so constituted shall be laid before and may be revised by the Syndicate.

This is an outline of the scheme I have in my mind, and I trust you will exert yourself to the utmost so that my long-cherished ambition to promote Scientific and Technical Education amongst my countrymen may be speedily realised. As soon as you send me intimation that the Senate is willing to accept the proposed gift on the conditions mentioned, I shall send you a cheque for ten lakhs of Rupees.

Believe me,

Yours Sincerely,

RASHBEHARY GHOSE.

The princely gift was gratefully accepted by the Senate at a special meeting held on the 16th of August, 1913, on the conditions specified by the donor.

The following four members have been elected by the Senate to act on the Board of Management of Sir Rashbehary Ghosh Endowment, for the year 1920-21 :—

H. C. Maitra, Esq., M.A.

G. C. Bose, Esq., M.A., M.R.A.S.

S. C. Mahalanobis, Esq., B. Sc., F.R.S.E.

J. C. Ghosh, Esq., M.A.

On the recommendation of the Syndicate, the following proposals, made by the Board of Management of Sir Rashbehary Ghose Endowment regarding the duties and tenure of appointment of Sir Rashbehary Ghose Professors were adopted by the Senate at the meeting held on the 30th January, 1914 :—

I. That the duties of each of the Professors be specified as follows :—

(a) To devote himself to original research in the subject in which he has been appointed, with a view to extend the bounds of knowledge.

(b) To stimulate and guide research by advanced students in his special subject in the University College of Science and generally to assist such student in Post-graduate study and research.

(c) To superintend the formation and maintenance of the Laboratory of the College of Science in his own subject

II. That the Professors be appointed subject to the following conditions :—

(a) The monthly salaries of the Professors shall be as follows :—

	Rs.
Sir Rashbehary Ghose Professor of Applied Mathematics	600
" " " of Chemistry	500
" " " of Physics	500
" " " of Botany	500

(2) Each Professor shall be a whole-time officer of the University College of Science and shall not, without the special sanction of the Board of Management and of the Senate previously obtained, hold any other office to which any salary, emolument or honorarium is attached.

(3) The appointment shall be permanent in the cases of the Professor of Applied Mathematics and the Professor of Chemistry, and shall be for a term of seven years in the cases of the Professor of Physics and the Professor of Botany. No Professor shall be liable to loss of or removal from office or to

reduction of the emolument attached thereto on any ground whatsoever, subject, however, to the following provisos :—

(a) A Professor shall vacate his office upon completion of the sixtieth year of his age, unless, upon the recommendation of the Board of Management, the Senate is satisfied that his services should, in the interests of research, be still retained by the University and, in such event, the Senate may, on the recommendation of the Board of Management, sanction his retention for such period as may be determined.

(b) A Professor may voluntarily resign his appointment at any time upon not less than six months' notice given by him in writing to the Board of Management.

(c) A Professor, on retirement on the ground of either attainment of age or of proved ill-health, shall be entitled to receive a gratuity of one month's pay for each completed year's tenure of appointment, but such gratuity shall in no case exceed a maximum limit of eighteen month's salary.

(d) A Professor shall be liable to removal by the Senate on the ground of misconduct or neglect of duty, if a recommendation to that effect is made by the Board of Management after a full enquiry into specific charges brought against him; provided that, at such enquiry, the Professor concerned shall be allowed adequate opportunity to defend himself.

(e) Every Professor shall be eligible for the privilege of the regular academic vacations. In the event of a Professor requiring leave on account of duly certified ill-health or on urgent private affairs in addition to the period of the regular academic vacations, the Senate may, on the recommendation of the Board of Management, grant leave on conditions analogous to those prescribed in the Civil Service Regulations for officers in the Indian Educational Service.

In accordance with the term of Sir Rashbehary Ghose Endowment, the Senate have appointed the following Professors :—

Sir Rashbehary Ghose Professor of Applied Mathematics.

Dr. Ganesh Prasad, M.A., D.Sc. (Appointed in 1914).

Dr. Sudhansukumar Banerjee, M.Sc. D.Sc. (Appointed in 1919).

Sir Rashbehary Ghose Professor of Physics.

Dr. Debendramohan Basu, M.A., B.Sc., Ph.D. (Appointed in 1914).

Sir Rashbehary Ghose Professor of Chemistry.

Dr. Praphullachandra Mitter, M.A., Ph.D. (Appointed in 1914).

Sir Rashbehary Ghose Professor of Botany

Mr. S. P. Agharkar, M.A. (Appointed in 1914).

Sir Rash Behary Ghose Professorship of Applied Chemistry and Applied Physics.

On the 22nd of December, 1919, Sir Rash Behary Ghose, Kt, C.S.I., C.I.E., M.A., D.L., Ph.D., offered to place at the disposal of the Calcutta University the further sum of eleven lakhs and forty three thousands of Rupees to be applied exclusively for purposes of technological instruction and research, on the conditions, stated in the following letter:—

"SANS SOUCI"

ALIPORE, CALCUTTA,

The 22nd December, 1919.

THE HON'BLE SIR NILRATAN SIRCAR, Kt, M.A., M.D.

Vice-Chancellor of the Calcutta University.

DEAR SIR,

About six years ago I made over to the University ten lakhs of rupees in aid of the University College of Science for the promotion of Scientific and Technical Education and for the cultivation and advancement of Science, Pure and Applied, amongst my countrymen. I understand that although that sum has enabled the University to arrange for instruction and research in Pure Science, University has not been able from lack of funds, to make a similar advance in Applied Science. I have accordingly decided to place at the disposal of the University a further sum, namely three and a half per cent. Government Securities for Rs. 11,43,000, which will produce an annual income of Rs. 40,005, to be applied exclusively for purposes of technological instruction and research. This sum will be held by the University as an integral part of the original gift, and all the conditions mentioned in my letter of the 8th August, 1913, shall apply, subject to the following modifications:

First: That two new University Professorships or Chairs (in all respects subject to the same conditions as mentioned in my letter of the 8th August, 1913) be established, one for each of the following subjects:

(e) Applied Chemistry.

(f) Applied Physics.

Note.—By 'Applied Chemistry' I mean one or more of the following subjects, as suggested in the report of the Calcutta University Commission:

Color Chemistry, preparation of dyes, drugs and photographic chemicals, tanning, fermentation, gas and coal-tar industries and oil industry,

or such other subject or subjects as may from time to time be determined by the Board of Management.

By 'Applied Physics' I mean one or more of the following subjects as suggested in the report of the Calcutta University Commission:

Electrotechnology, applied thermodynamics and the standardisation of instruments,

or such other subject or subjects as may from time to time be determined by the Board of Management.

Secondly: That four additional studentships (in all respects like those mentioned in my letter of the 8th August, 1913) be established, to such students to be attached to each of the Professors mentioned above.

Thirdly: That the balance which will remain out of the annual income of the fund, which is likely to exceed Rs. 24,000, after payment of the salaries of the Professors and studentships, should be applied to the equipment and maintenance of the necessary Laboratories, Museums and Workshops, the adequate provision for which is absolutely necessary, and for which sufficient money might not be available from other funds at the disposal of the University.

Fourthly: That the Board of Management do include the Professors of Applied Chemistry and Applied Physics in the same way as the other four Professors mentioned in my letter of the 8th August, 1913.

On receipt of intimation that the Senate has accepted my offer, I shall arrange for the transfer of the securities to the University.

Yours truly,

RASHBEHARY GHOSE.

The princely gift was thankfully accepted by the Senate at their meeting held on the 3rd January, 1920, on the conditions specified by the donor.

In accordance with the term of Sir Rash Behary Ghose Endowment the Senate have appointed the following Professors:—

Sir Rash Behary Ghose Professor of Applied Chemistry.

Dr. Chandra Nath Sen, M.A., D.Sc. (appointed in 1920.)

Sir Rash Behary Ghose Professor of Applied Physics

Dr. Chandra Nath Ghosh, M.A., Ph.D., (appointed in 1920)

15-16.

UNIVERSITY PROFESSORSHIPS OF ENGLISH.

In view of the importance and popularity of English as a branch of study for Post-Graduate students and the extent of the course prescribed in the subject, it has been found necessary to establish two Professorships in English. On the recommendation of the Syndicate, the Senate accordingly submitted a proposal to Government of India for founding two Professorships in English in the University and recommended that Dr. H. Stephen, M.A., D.D., and Mr. Robert Knox, M.A. be appointed as the first incumbents. The proposal received the sanction of the Government of India.

PROFESSORS.

1914-20 Dr. H. Stephen, M.A., D.D.

1914-19 Robert Knox, Esq., M.A.

V

University Lectureship.

STEPHANOS NIRMALENDU GHOSH LECTURESHIP.

In August, 1919, Mr. G. C. Ghosh of 2, Simla Street, Calcutta, made over to the University 31 per cent. Government Promissory Notes for one lac of rupees for the institution, in memory of his son, of a course of lectures on Comparative Religion to be delivered before the University of Calcutta according to appointment made at stated intervals of not more than three years, the lecturer to be appointed after advertisement in the celebrated Universities of the world. The donor stated that his desire was that the lecturer should, in dealing with the subjects of his lectures, endeavour to show that the highest ideal for man lay in love and service to his fellowmen according to the essence of the teaching and life of Christ, and that life lived under the guidance of this ideal constituted the highest advancement of human personality, the acceptance of a particular creed or dogma being of subordinate importance.

From G. C. Ghosh, Esq., 2, Simla Street, Calcutta, to the Vice-Chancellor, Calcutta University, Calcutta, dated the 10th March, 1919.

I am desirous of making over to the University of Calcutta 31% G. P. Notes for one lac of rupees for the following purpose:—

The University is to appoint an eminent Savant by advertising to the celebrated Universities of the world to deliver a series of lectures in Comparative Theology quinquennially in the cold season in Calcutta to be called "Stephanos Nirmalendu Ghosh Lectures," whose remuneration will be paid from the 4 years' accumulated income from the above described Securities, after deducting from it the approximate cost of printing about 1,000 copies of his Lectures.

By a previous arrangement by the Calcutta University with the Lecturer, if he kindly so agrees and one or two other Universities in India so desire, he may deliver such lectures also in other places in India.

It is my desire that in dealing with the subjects of his Lectures it will be the aim of the Lecturer to show that the highest ideal for man is in unselfish love and service to his fellow-man which is the essence of the teachings of Christ.

I shall be glad if my offer is accepted.

From G. C. Ghosh, Esq., 2, Simla Street, Calcutta, to the Vice-Chancellor, Calcutta University, Calcutta, dated the 11th March, 1919.

In continuation of my letter to you on the 10th instant regarding the foundation of lectures in Comparative Theology by me quinquennially in Calcutta, I desire to say for removal of any ambiguity that the lectures to be arranged by your University to be delivered in other places shall be after such lectures have been first delivered in Calcutta every time.

From G. C. Ghosh, Esq., 2 Simla Street, Calcutta, to the Vice-Chancellor, Calcutta University, Calcutta, dated the 28th April, 1919.

With reference to my previous correspondence regarding the Lectureship on Comparative Theology founded by me, I have the honour to request you to consider this letter as a part of the same for the future guidance of the University and the Lecturers to be appointed under the scheme

(1) If the University thinks that quinquennial lectures would make the intervals too long for effect and that three years' income from the Endowment will be adequate for securing the service of the Lecturer, the lectures may be given quaterennially and the three years' accumulated income may be availed of, instead of four years' as stated in my first letter.

(2) I think it would be well under the circumstances if Rs. 1,000 or so be spent towards the publication of the lectures, instead of having a thousand copies of them published as suggested in my first letter, as I consider the latter measure would mean too much expense in view of the increased cost of paper and printing.

(3) As I have stated in my first letter I beg to state, in order to be more explicit, that my object is to show the young men of my country that it is not meant that man's eternal welfare should depend upon any belief, the interpretation of a particular text or the acceptance of a religious creed, but that he is required to love and serve his fellow beings whereby he would be able to live the life that is required of him by God. It is found that centuries of schools of thought and religious discussions have resulted only in hatred and persecution of those who have sincerely differed from the views dominant at the time, instead of producing love and sacrifice which only are acceptable offerings to God

(4) My object is not to show the superiority of a particular religion but to show that in the dealing out of man's unselfish love and service to man, i.e., in living the religion of love constitutes the highest advancement of his personality

From G. C. Ghosh Esq., 2 Simla Street, Calcutta, to the Registrar, Calcutta University, Calcutta, dated the 5th August, 1919

"I have the honour to acknowledge the receipt of your letter dated the 2nd instant intimating to me that my offer of one lac of rupees for founding a Lectureship on Comparative Theology to be called "The Stephanos Nirmalendu Ghosh Lectures" has been accepted by your University, and that any suggestions that I might make in its connection your University would take them into consideration and that one lac of rupees in Government Promissory Notes might now be sent by me to the University.

(1) I am glad that your University is willing to let the Lectures be founded by me on the conditions stated in my first letter and I am grateful for its acceptance of the suggestions made by me in my letter of the 28th April last and that it is willing to take any further suggestions that I would like to make about them.

(2) If the University will make the Lectures quaterennial as has been desired by me in my letter of the 28th April last, the lectures for the first time will be delivered in the Winter of 1922, and the interest of the Government Promissory Notes for 1919, 1920 and 1921 will be used to meet the expenses of the same.

(3) I trust your University will be so good as to arrange for all things I have desired in connection with the Lectures before they are delivered in Calcutta and elsewhere.

(4) It is my wish the lectures should be delivered in a central academic place where a large audience is expected to gather by previous notifications in public places and in two public prints for the information of the Mofussil people.

(5) I think it would be well if the delivery of the lectures be inaugurated and opened every year by a distinguished gentleman

(6) I think it would be well also if some University authority will kindly be present during the delivery of the lectures till their end to keep order at the place.

(7) I shall be obliged if you will inform me to whom I shall endorse over and deliver the Government Promissory Notes.

(8) I shall be grateful if I be supplied with the abstracts of deliberations of the University about my endowment from time to time.

(9) In conclusion I beg to suggest for the consideration of the Lecturer that my object is (a) to help the moral and spiritual advancement of my countrymen by helping the unfoldment of the Divinity in them which is calculated to make them truly happy, (b) that the Lecturer will aim to show that excepting the fundamental truths of the Godhead and its attributes *wis*, Love, Wisdom, etc., which are acknowledged by all civilized men, creeds, dogmas, cannons, etc., of the religions past and present which were necessary in the time of their first promulgation have no permanent value, just as in all living organisms we find elimination of the old and decayed cells is incessantly going on and newer cells are coming forth for the formation of newer bodies. So it may be proper to think that God's revelation was not closed in the past when the creeds, etc., were fixed, and so if the fountain of revelation has not dried up they should not be made to hinder the reign of an ever higher conscience in human mind if a religion is to be taken as an institution having a form of life within it. So the true and lasting form of religion will be based upon the inner supremacy of reason purified by revelation above any external authority, dogma, etc., which are inadequate to sustain a feeling of obligation.

Although I venture to make these my humble suggestions, I do not like to make them binding upon any Lecturer who I trust will be a Godfitted man and knowing his duties well."

The generous offer of Mr Ghosh was thankfully accepted by the Senate at their meeting held on the 29th March, 1919.

The following rules were adopted by the Senate at their meeting held on the 27th September, 1919.

(1) (a) That a course of lectures on Comparative Religion be delivered in English once in every three years;

(b) that the Course to consist ordinarily of eight lectures, and be delivered not more than twice a week.

(2) That the honorarium of the lecturer be Rs. 9,000

(3) That the copyright in the lectures do vest in the University.

(4) (a) That the cost of publication of an edition (consisting ordinarily of 500 copies) be paid by the University; (b) that of the sum required for this purpose, Rs. 1,000 be paid out of the endowment fund, and the balance if any be paid out of the general funds of the University, and (c) that the sale proceeds be placed to the credit of the endowment fund.

(5) That the first course of lectures be delivered during the cold weather of the session 1921-22.

(6) That applications be invited by public advertisement in the principal Indian, British, Colonial, American and Continental Universities, selected Theological Colleges not connected with Universities and selected newspapers.

(7) That the advertisement do state that applicants are expected to send a brief syllabus indicating the scope of the lectures proposed to be delivered.

(8) That on each occasion, the advertisement be issued at least two years and a half before time fixed for the delivery of the lectures and candidates be required to submit their applications on or before a prescribed date at least one and a half years previous to such time.

(9) That a Committee of five members be appointed by the Senate in each instance to report on the applications received.

(10) That it be a condition of appointment of each lecturer that he will deliver to the University a complete copy of his lectures within one month after their delivery.

(11) That the Senate be at liberty to invite at any time an eminent scholar to accept the lectureship even though he may not have applied.

2

ADHARCHANDRA MOOKERJEE LECTURESHIP.

Mr. Adharchandra Mookerjee, M.A., B.L. placed in the hands of the Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., President of the Councils of Post-Graduate Teaching in Arts and Science, G. P. Notes amounting to Rs. 8,000 for promotion of Post-Graduate Teaching in this University on the following conditions:

1. That a Lectureship be instituted for the delivery of a course of two lectures annually, by a distinguished scholar, on a selected subject connected with Letters or Science.

2. That the subject be so chosen as to represent these two departments alternately.

3. That the Lectures and the subject be selected by the Post-Graduate Council in Arts or Science as the case may be.

4. That the lectures be publicly delivered at the Senate House and be printed and published as soon as possible after delivery.

5. That the honorarium payable to the Lecturer be the income of the Fund for the year together with such supplementary sum, if any, as the Senate may from time to time direct.

6. That the names of the Lecturers and their subjects be published in the University Calendar.

The Senate at its meeting of the 23rd November, 1918 accepted the gift with thanks and the Lectureship was named "Adharchandra Mookerjee Lectureship" after the Founder.

3

RAJA KIRTYANAND SINHA BAHADUR AND KUMAR KALIKANAND SINHA LECTURESHIP.

Kumer Ganganand Sinha, B.A. offered to pay Rs. 1,200 annually for maintaining a Mathili chair in the University for the promotion of study of

Maithili with special reference to research, for at least five years in case it was created with the money offered by his uncles the Hon'ble Raja Kirtyanand Sinha Bahadur, B.A. of Benaili and Kumar Kalikanand Sinha of Srinagar

The offer was thankfully accepted by senate at their Meeting held on the 23rd August

Raj Benaili Lecturer.

1919-21. Pandit Khuddi Jha.

4

TANKANATH CHAUDHURI LECTURESHIP.

Mr. Tankanath Chaudhuri, Zamindar, Maldwar Estate offered to pay Rs. 1,200 annually for 3 years as pay of a Lecturer in *Maithili*.

The offer was thankfully accepted by the Senate at their Meeting held on the 23rd August 1919

Lecturer.

1919-21 Sing Mr Gangapit, B A

5

GOPALDAS CHAUDHURI LECTURESHIP

Mr Gopaldas Chaudhuri of 32, Beadon Row, Calcutta offered to pay Rs. 1,200 annually for the maintenance of a Lectureship in Bengali for a term of 3 years.

The offer was thankfully accepted by the senate at their meeting held on the 29th September 1919

Lecturer.

1919-21 Guha, Mr Abhaykumar, M.A., B.L.

6

G. D. BIRLA HINDI LECTURESHIP.

In September, 1919, Mr. G. D. Birla, on the representation of Pandit Madhav Misra, made over to the University a sum of Rs. 15,000 for including Hindi as a Principal Indian Vernacular in the curriculum of the University for the Degree of Master of Arts.

The Senate accepted the gift with thanks, at their Meeting held on the 29th September, 1919

7

MAHARAJA SRI SIR BIRAMITRODAYA SING DEO, DHARMANIDHI, LECTURESHIP

Maharaja Sri Sir Biramitrodaya Sing Deo Dharmanidhi, K. C. I. E., Feudatory chief, Sonapur State, Orissa, offered to pay Rs. 150 per month for a period of 3 years commencing with the 1st day of June, 1920 for maintaining a chair for the lectureship on the Oriya language

The senate at their meeting held on the 24th April 1920 accepted the gift with thanks.

VI

University Readerships.

Chapter X of the University Regulations enjoins the provision of special courses of lectures on particular subjects, mainly intended for the benefit of graduates engaged in research work or of those who wish to prosecute special studies. The lecturers delivering such courses of lectures are called University Readers.

UNIVERSITY READERS.

NAME	SUBJECT.
1908 Dr. G. Thibaut C.M.E., Ph.D., D.Sc.	The Astronomies of the Ancient Oriental Nations, with special reference to India.
" Sin T. H. Holland, K.C.I.B., D.Sc., F.R.S., F.G.S., A.R.C.S.	The General Geology of India.
" Professor A. Schuster, D.Sc., F.R.S.	The Progress of Physics during the last 30 years.
1909 Babu Dineschandra Sen, B.A.	The History of the Bengali Language and Literature from the earliest times down to the middle of the 19th century.
" Professor R. Pischel, Ph.D.	The Philology of the Prakrit Language.
" Dr. G. T. Walker, M.A., D.Sc., F.R.S.	Electric-Magnetic Field.
1910 Dr. Brajendranath Seal, M.A., Ph.D.	Indian Logic.
* " Dr. T. Block, Ph.D.	Early Indian History.
" Dr. C.E. Cullis, M.A., Ph.D.	Determinoids: an extension of the theory of Determinants.
1911 Rev. S. Yama Kami	Systematic Buddhism.
1912 Dr. D. N. Mallik, B.A., Sc.D., F.R.S.E.	Physics.
1913 Dr. A. R. Forsyth, F.R.S.	Theory of Functions of two Complex Variables.
" Professor H. Oldenberg, Ph.D.	Method of Western Scholarship in the Field of Ancient Indian Research.
Rev. S. Yama Kami	Ancient India, as depicted in the writings of the Chinese Pilgrims.
" Professor J. N. Dasgupta, B.A. (Oxon).	Bengal in the Sixteenth Century.
" Professor G. Findlay Shirras, M.A.	Some recent developments in Indian Currency.
" Professor Hermann Jacobi, Ph.D.	The Theory of Indian Alankar.
" Professor S.R. Bhandarkar, M.A.	Introduction to the study of Indian Epigraphy.

Lectures not delivered.

- 1913 Professor Paul Vinogradoff, Kinship in Early Law.
Ph.D., LL.D., D.C.L.,
F.B.A.
- Rai Saheb Dineschandra Vaishnab Literature of Mediæval Bengal
Sen, B.A.
- * Professor Sylvain Levi The World around India: India's Inter-
course in ancient times with her neigh-
bours Greece, Persia, Central Asia,
China, Thibet and Indo-China
- 1914 Professor I. N. Das Gupta, India in the Seventeenth Century as
B.A. (Oxon), depicted by European travellers and
foreign observers.
- Professor Herbert Hall Turner, Pure Mathematics.
D.Sc., D.C.L., F.R.S., F.R.A.S
- * Professor Earnest William Applied Mathematics.
Brown, M.A., D.Sc., F.R.S
- Professor Henry Edward Arm- Chemistry
strong, Ph.D., LL.D., F.R.S.
- * Professor William Mitchinson Physics.
Hicks, M.A., D.Sc., F.R.S.
- Professor William Bateson, Biology.
M.A., F.R.S.
- 1919 Professor A. Foucher The influence of Indian civilisation in
Cambodia and Java (illustrated by
lantern slides)
- „ Mr. R. Shama Shastri, B.A., Indian Polity during the Vedic and
M.R.A.S. Buddhistic Periods.
- „ Mr. I. F. Rushbrook Williams, The Military organisation of the Moguls
B.A., B.Litt. (Oxon).
- „ Mr. S. Krishnaswami The contribution of Southern India to
Ayyanger, M.A., culture and civilisation in ancient and
mediæval times.
- „ Professor Hakuju Ui The development of the six systems of
Hindu Philosophy.
- „ Mr. L. K. Anantha Krishna Indian Ethnography.
Iyer, B.A.
- „ Dr. G. C. Simpson, D.Sc., Problems in Meteorology
F.R.S.

* Lectures not delivered.

VII

Travelling Fellowships

I. The Syndicate shall annually set apart from the Fee Fund a sum of Rs. 3,000 for the maintenance of a Travelling Fellowship.

II. A Travelling Fellowship of the value of Rs. 3,000, tenable for one year shall be awarded in 1914 and the four following years. The Travelling Fellowship will be allocated successively to the Faculties of Arts, Science, Law, Medicine and Engineering. If in any year, there is no suitable candidate for the Travelling Fellowship in the particular Faculty concerned, it may be placed at the disposal of one of the other Faculties.

III. The Fellowship shall be open to—

(a) all persons who have been at any time admitted to a Degree in the University of Calcutta;

(b) all persons who have been at any time a Fellow of the University, Honorary or Ordinary, or an Added Member of a Faculty;

(c) all persons who have at any time held the office of a Professor, Assistant Professor, Reader or Lecturer in the University;

IV. The Travelling Fellows shall be elected by the Senate on the recommendation of the Syndicate, who are empowered to invite applications and frame rules in this behalf.

V. Each candidate for a Travelling Fellowship shall satisfy the Syndicate as to his general ability to profit by a course of study abroad. He shall also submit a general scheme of the work he proposes to undertake during the tenure of his Fellowship.

VI. The Travelling Fellows shall investigate educational methods abroad in their special branches of study (such branch to be determined by the Syndicate in consultation with them)—preferably in Great Britain and in the Continental European seats of learning. They shall submit periodical accounts of their work to the Syndicate and supply such other evidence of the progress made by them as the Syndicate may from time to time require.

VII. Each Travelling Fellow on his return to India shall submit to the Syndicate a full Report embodying the results of his studies and travels which shall be published and be the property of the University.

VIII. The emoluments attached to the Fellowship shall be paid in two half-yearly instalments. The Syndicate shall have power to withhold the payment of the second instalment, if the work done by a Travelling Fellow during first half year of the tenure of his Fellowship be deemed unsatisfactory by them.

IX. This scheme shall be in force for a term of five years from 1914.

VIII

University Law College

The history of the foundation of the College^C is set out in the following minute by the Hon'ble Justice Sir Asutosh Mookerjee, Kt., C.S.I., M.A., D.L., D.Sc., Ph.D., F.R.A.S., F.R.S.E., F.A.S.B., late Vice-Chancellor of the University.—“The branch of our educational system which stands in need of the most urgent and radical reform is that concerned with the teaching of Law for our Degree Examinations. It is a noteworthy fact that we have not got a single College devoted entirely to the study of Law, as we have in the cases of Medicine and Engineering. When the University was founded in 1857, Law classes were attached to the Presidency College which was in the main, an Arts College. The number of Law students was comparatively small, and the first Professors employed to teach Law were men of considerable distinction. In 1864, the Government decided to attach Law classes to its College at Hughli, Dacca, Krishnagar, Berhampur and Patna. In each case, a distinguished graduate in Law was appointed on a fixed monthly salary, and the best men available from the ranks of the then new batches of Law graduates were engaged. The classes at all these Colleges were comparatively small, and the teaching imparted was more or less efficient from the point of view of the Law Regulations as they existed at the time. In 1863, similar Law classes were attached to the Colleges at Cuttack and Chittagong and in 1880, Law classes were attached to the College at Rajshahi. Up to the point of time we have reached, the Law classes were attached only to Government Colleges, and the fees charged were moderately high, in the case of the Presidency College, the fee was five rupees a month in the First-year Class and ten rupees a month in the Second and Third-year Classes; in the case of other Colleges, it was nowhere less than five rupees a month. In 1882, the authorities of the Calcutta Metropolitan Institution applied for affiliation in Law. The application was granted, and as no conditions were imposed, Law classes were opened with a monthly fee of three rupees in the First-year Class, four in the Second, and five in the Third-year Class. The immediate result was that the Presidency College lost the majority of its Law students. Shortly after, the City College was affiliated in Law in 1883. Two years later, the Ripon College was affiliated in Law in 1885 and opened classes at a uniform rate of three rupees, with the result that the other private Colleges were obliged to come down to the same level. About this time, the Government closed the law classes in the Presidency College. Since then, another College has been affiliated in Law in Calcutta, namely, the Bangabasi College, in 1896, and six Colleges in Mofussil have also been affiliated in Law, namely, Cooch-Bihar, Bhagalpur, Midnapur, Bankipur, Barisal and Rangoon. The University, therefore has at the present time nominally 19 Colleges to which Law classes are attached, but there are really 18 at work, as the Presidency College has had no classes during more than twenty years. The Calcutta Colleges have raised their fee from rupees three to rupees four. In the Mofussil Colleges, the fee ranges from rupees three to rupees six. The classes everywhere in the past were more or less full, but the College which has had the largest number on its rolls is the Ripon College. As regards the efficiency of these Colleges, judged.

from the point of view of the requirements of the new regulations, only one opinion is possible; they are nowhere near the mark, and the arrangements, made, can, at the best, be regarded as nominal compliance with the regulations. The system which has prevailed for many years past in most of the Government Colleges in the Mofussil, namely to pay the Law Lecturer the amount of fees paid by the students has been suicidal. To take one example, in a Government College situated not very many miles from Calcutta, there was during the last session only one student who paid five rupees a month, and for this sum a Government Pleader, who is the Law Lecturer, is supposed to have taken him through a complete course of Law studies. In Calcutta, where the number of students is very large, the state of things has been just the opposite, and the successful endeavour has been made to turn the Law Classes into as lucrative a business as possible. The object has been gained, practically, by an entire sacrifice of discipline. A class may have on its rolls 50 students; the Lecturer begins at the appointed time, say 8 o'clock in the morning, with a dozen students; after he has lectured for half an hour, students being to drop in till the class becomes pretty full when the rolls are called. Proper continuity of work is hardly possible under such circumstances. The majority of the students have no books; they do not intend to listen to the lectures; very many of them are employed as Teachers in School or Clerks in Offices and their only anxiety is to get credit for attendance at a certain number of lectures as required by the University Regulations, and it is by no means an unusual incident for a student to get himself marked "present" by a proxy. Not only are the majority of the students irregular and unpunctual in attendance, not only in attendance expressly for the purpose of colourable compliance with the University Regulations—the same laxity characterises, in many instances, the payment of college fees which are often allowed to fall into arrears and sometimes unrealised and lost to the college. All this laxity encourages our graduates to enter themselves largely as Law students, so that at some future time when occasion may arise or when they may find it convenient they may appear at the Examination on the strength of their attendance at these lectures. This is manifestly contrary to the spirit of the new Regulations. The new University Regulations in Law contemplate a thorough training in all the subjects of the Examination. The number of subjects has been increased by the introduction of important branches like Roman Law Theory of Legislation Equity and the English Law of Real Property. The number of lectures to be delivered, to cover the course, is considerably in excess of what was required under the old Regulations. Students are required to attend Moot Courts where legal problems are discussed by them under the presidency of their Professor as judge. This can be done with profit and instruction only if the students have been taken in small batches and taught by their teachers to study and analyse cases and to deduce legal principles from a first-hand study of important judicial decisions. Then again, in the Examination under the new Regulations 40 per cent. of the marks are to be allotted to the solution of questions framed with a view to test the ability of candidates to apply the more important legal principles to concrete cases. The Regulations provide not only that full credit is to be given for well-reasoned answers to such questions, even though the conclusions happen to differ from the views taken in decided cases but also that no credit shall be given for bare answers unsupported by arguments. All this implies a far more thorough training than can be obtained by mere attendance at lectures delivered to large classes of students. Indeed the Regulations assume a thorough grounding in legal principles, and a systematic study of illustrative cases such as can be pursued only in a good Law Library and under the guidance of an efficient teacher placed in charge of a limited number of students. From the point of view of the new Regulations, not one of the Law classes can consequently pretend to

make any approach to efficiency. No College has got a good Law Library or a sufficient number of efficient teachers. No attempt is made to enforce discipline among the students. The Bengal Education Department has realised this and I understand that the Law classes attached to all the Government Colleges in Bengal will be closed from the beginning of the current session. The Government of Eastern Bengal and Assam have also realised the situation, [and the Law classes attached to the Government Colleges in the Province will shortly be closed, and will be replaced by a Law School at Dacca, a proposal for the affiliation of which will be submitted to the University by the Director of Public Instruction. So far as the private Colleges out of Calcutta are concerned they cannot possibly satisfy the requirements of the Regulations. So far as the private Colleges in Calcutta are concerned, the authorities of the Bangabasi College have already intimated to the University that they have decided to discontinue the Law classes from the beginning of the ensuing session. So far as the Metropolitan Institution and the City College are concerned, neither of them makes a substantial profit upon the Law classes and if their Law classes are closed, the financial position of the Colleges would not be seriously affected. As regards the Ripon College, with which I shall deal latter on, the case is different; this particular College effects a substantial saving upon the Law classes, a portion of which is apparently absorbed in the maintenance of the Art Department. If the Law classes in the Ripon College are closed, it would mean a substantial loss to the Proprietor. As I have already stated, however, none of the existing Law classes is efficient from the point of view of the new Regulations, and I am not prepared to concede that these Law classes should be allowed to exist either for the maintenance of the Arts classes or for the profit of the Proprietors. Under Section 7, Chapter XIX of the Regulations, the University is called upon to submit the case of each College to the Government of India and I feel no doubt that neither the Syndicate nor the Senate can, with any sense of self-respect, recommend the continuance of the present system which has been a serious blot on our educational methods for many years past. I invite the University, therefore, to face the situation, and refuse to countenance any longer what has hitherto prospered under the name of legal education. The only solution of the situation is to close all the Law classes and for the University, to found a Law College, like the law Colleges in Madras, Bombay and Allahabad. The Law Colleges in the other Provinces are owned and maintained by Government; the Law College proposed by me will however, be a University College, though we may thankfully accept any aid which the Government may give. I do not desire it to be understood, however that I claim any monopoly for the University Law College as I have already stated, there will be a similar Law School, though on a smaller scale at Dacca and I trust that at no distant date, there may be a well-equipped Law School for Behar at Bankipur. It is not inconceivable also that with liberal endowments a Law College may be established in some other part of the province. But whenever or wherever such an institution may be established, and whoever may maintain it, the essential condition for its affiliation to the University must be that it is *bonafide* centre of legal education. I shall now give an outline of my scheme.

The University Law College shall be under the management of a Governing Body of Twelve members, constituted as follows:—

1. The Vice-Chancellor. *Ex-officio President.*
- 2-4. Three Judges of the High Court (to be nominated by the Chief Justice of Bengal in consultation with the Vice-Chancellor)
5. The Advocate-General of Bengal, *Ex-officio.*
- 6-7. One member of the Bar and one Vakil of the High Court. (Both to be nominated by the Faculty of Law)

8. The Legal Remembrancer to the Government of Bengal.
9. The Director of Public Instruction, Bengal.
10. The Principal of the Law College.
- 11-12. Two Lecturers of the College to be elected by the Staff.

Members of the governing body shall be elected annually. Occasional vacancies shall be filled up by the Syndicate, upon the recommendation of the body entitled to elect.

The management of the College shall be vested in the governing body, but their proceedings shall be subject to confirmation by the Syndicate.

As the governing body described above cannot be completely constituted till the College has been actually established and the Principal and the staff appointed a provisional Committee shall be appointed by the Syndicate.

The College shall have a whole-time Principal who shall not be allowed to practise in Courts. His salary shall be Rs. 800 a month rising to Rs. 1,000 by annual increment of Rs. 50. It may be added that each of the Law Colleges in the other Provinces has a whole-time Principal, and it does not require any argument to show that some one must make it his business to look after the College and to maintain it in a state of efficiency.

If we assume that there will be 150 students in each class, there must be in addition to the Principal, one Professor on Rs. 200 a month, and 8 Assistant Professors on Rs. 150 a month. For a larger number of students, the staff will have to be proportionately increased.

The Principal shall lecture two hours a day, and the Professor one hour a day, during at least 30 weeks in the year (this would include systematic lectures as well as sittings of the Moot Court). The Assistant Professors will take the students in batches of twenty. Each Assistant Professor will, therefore, have under his charge 20 First-year and 20 Second-year students. He will, on alternate days, take the two sets of students to the Library for tutorial work and discussion of cases, during, on an average, 2 hours a day; he will also give the students under his charge regular weekly exercises or subjects for essays which will be corrected and returned. The duty of each Assistant Professor, therefore, will be discussion with the students 2 hours every day and correction of forty exercises a week. Each student will, thus, have 9 hours' lectures a week and 6 hours' work a week in the Library. This, I think, is a very moderate demand to make, and I shall not be surprised if it is found necessary to increase the quantity of work later on. What I have suggested is extremely moderate in comparison with the work demanded from students in Law Colleges elsewhere which have reached a high degree of excellence, for instance, Columbia and Harvard in the United States and Tokyo in Japan. I do not doubt, however, that even the moderate beginning in earnest work which I propose, will reduce the existing number of nominal students who now swell the rolls. In the University College no one, I hope, will take his admission who does not seriously wish to undertake the study of Law, and, for myself, I do not wish any body else to come near the place. No one, I trust, deems it the duty of the University to encourage or countenance a system under which the very first art practised by young aspirants for entrance into a learned and honourable profession in defiance of discipline and evasion of the University Regulations.

The monthly recurring expenditure will be Rs. 2,200 in the first-year. I have estimated the number of students at 300. The tuition fee must, therefore

be fixed at Rupees eight a month, which is, by no means, too high, if we consider the quality of training we propose to give. In any event, a Law student even under the conditions I propose, will have to spend less, and will have much easier life than a Medical or an Engineering student. I am in a position to add, however, that the Government of Bengal is prepared to make an annual grant, to be devoted to reducing the fees of students by the grant of scholarships at the discretion of the Governing Body; the amount of the grant will be Rs. 35,000 a year for the first five years, and will be subject to reconsideration at the end of that period. With this sum at our disposal we may for instance, institute about one hundred and forty-five students of Rs. 2 a month to be given to deserving students upon the results of work done in the College. The effect to this arrangement will be that deserving students will, practically, have to pay a fee of Rs. 6 only a month.

The College must have a good Law Library. Rs. 30,000 to start with is a moderate estimate. I suggest that this amount be provided from the University Reserve Fund. In addition to this, the Government of India and the Government of Bengal are prepared to help us and to place in the Law College Library, for the use of Law students, several sets of the Indian Law Reports and other Law Publications of the Government of India and of the different Local Government.

The College must be suitably located. There will be no difficulty in providing proper theatres in the University Buildings which we propose to erect at once on the land recently acquired by the University towards the west of the Senate House. I would also suggest that of the Reading Rooms in the Darbhanga Library Building, eight may be fitted up with small working Libraries where the students may read under the guidance of the Assistant Professors.

If the scheme is approved, I hope to be able to get everything ready so as to be in a position to open the Law College in July, 1909.

I have given, I hope, an intelligible outline of the proposed University Law College. The details, of course will require careful consideration and must be left to the Provisional Committee. I wish it to be understood also that the details I have suggested may require modification in the light of experience.

There are two other questions which incidentally arise and deserve consideration, the first of these relates to what are known as Pledership students, and the second, to the Ripon College.

As regards the Pledership students, they are required under Rules, framed by the High Court, (Chapter XI, Rule 6 of the High Court Rules, page 263) to attend lectures at one of the Colleges affiliated in Law to the Calcutta University, before they are allowed to appear at the Pledership Examination. The University is not directly concerned with these students, and if a strict view is taken of the scope of the University Law College, it may well be contended that these Pledership students ought not to find any place in our Institution. It will be a matter for the authorities who controlled that Examination to decide whether the Rules ought to be so modified as to allow Pledership students to read in some one or all of the existing Law Classes. If such a course is adopted—as may well be on the ground that the Pledership course differs in some essential respect from our B.L. Course—we shall have nothing to do with the Pledership students. If, however the High Court desires that the Pledership students in future should undergo the same kind of training as we propose to give to our B.L. students, and if the University consents to find accommodation for them, we may very well ask the Government to give us substantial aid. The question of the provision to be made for the education of Pledership students, however, obviously does not concern the University directly, and cannot deter or

delay any action which the University may find essential in the true interests of the education of its Law students.

Next, as regards the Ripon College, I have already stated, that it makes a substantial profit out of the Law classes, the withdrawal of affiliation in Law will therefore mean loss to the Proprietor. I do not hesitate to say that this ought not to deter or delay the action on the part of the University which is essential in the interests of sound education and discipline. At the same time, I think the University may, if the Proprietor so desire, assist him to put the College finances on a sound basis. I have before me the Report of the University Auditor on the College Accounts, such as they are. One fact is patent. A large amount of money is annually lost in the B.L. classes, in the Pledership classes, as also in the Arts classes, by reason of great laxity in the realisation of fees from the students. The remedy for this lies in the hands of the Proprietor himself. In the next place, it seems to me clear that if the Arts classes are to be made self-supporting, the College fees must be raised, and a rise of even one rupee a month in the fee paid by each student would bring in a considerable sum, nearly sufficient to make up for the loss likely to be caused by the abolition of the B.L. classes. If the Pledership classes are also abolished, there would perhaps, be no margin left for the Proprietor, if, however the High Court is satisfied that the Pledership classes can be remodelled, so as to meet the requirements of that description of students, and if the High Court recognises the Pledership classes, there would be a margin left for the Proprietor. The condition of this particular College and of some of the other Private Colleges in Calcutta suggest to my mind that it may be desirable for the University to arrange for University Lecturers to teach the B.A. and B.Sc. Honours Courses. If this idea is carried out as has already been recommended by the Syndicate, the pressure upon these Colleges in the Arts department would be considerably reduced. I may add that if one or more of these Colleges will seriously consider the question of a small rise in the fees levied from Arts students, the Syndicate may very well help them to come to a common understanding upon the point, so as to avoid the unfair competition referred to in Section 6, Clause (i) of Chapter XVIII of the Regulations. The University may reasonably be expected to assist the Colleges so as to facilitate their work, but I maintain, at the same time, that the University ought not to be expected to countenance a thoroughly unsound system which is misnamed legal education for the benefit of either Arts Classes of Colleges or of their Proprietors."

The above Minute was considered by the Syndicate at their Meeting on the 4th July, 1908, when the following Resolution was adopted —

"That the Syndicate recommend to the Senate that a University Law College be established and that the Syndicate be authorised to appoint a Provisional Committee to organise it"

The Minute was also considered by the Faculty of Law at a special meeting held on the 14th of July, 1908, when the following motion was carried:—

"That the Faculty do record its opinion that for the promotion of legal education of students for degrees in Law, it is desirable to establish a University Law College, to serve as a model College, but not so as to create a monopoly either general or local."

On the 21st July, 1908, upon the motion of the Vice-Chancellor the Senate unanimously accepted the recommendation of the Syndicate and the Faculty of Law that a University Law College be established. This resolution of the Senate subsequently received the sanction of the Governor-General in Council

on the 25th August, 1908, and the College was formally affiliated to the University in Law with effect from July, 1908

The College is under the management of a Governing Body, consisting of sixteen members, constituted as follows :—

- I. The Vice-Chancellor, *President, Ex-officio*.
- II-IV. Three Judges of the High Court (to be nominated by the Chief Justice of Bengal in consultation with the Vice Chancellor).
- V. The Advocate-General of Bengal, *Ex-officio*.
- VI. The Senior Government Pleader of the High Court, *Ex-officio*.
- VII-IX. Three members nominated by the Faculty of Law, one of whom at least, shall be a member of the Bar and one, a Vakil of the High Court.
- X. One Representative of the Incorporated Law Society.
- XI. The Legal Remembrancer to the Government of Bengal, *Ex-officio*.
- XII. The Director of Public Instruction, Bengal, *Ex-officio*.
- XIII. The Principal of the Law College, *Ex-officio*.
- XIV. The Vice-Principal of the Law College, *Ex-officio*.
- XV-XVI. Two Lecturers of the College to be elected by the staff.

The members of the Governing Body are appointed annually. They hold office during the academic year for which they are appointed, occasional vacancies being filled up by the Syndicate upon the recommendation of the Body entitled to appoint.

At meetings of the Governing Body, seven Members form a quorum

The proceedings of the Governing Body are subject to confirmation by the Syndicate.

The staff of the College consists of a Principal, a Vice-Principal and as many Professors as are needed to meet the requirements of the students.

Each of the three years' course will comprise not less than 200 working days. There will be three terms in each year, the first of which will extend from the last week of June to the end of September; the second from the beginning of November to the end of the third week of December; and the third from the beginning of January to the middle of April.

The Governing Body for the year 1920-21 has been constituted as follows ;—

1. The Hon'ble Sir Nilratan Sircar, Kt. M.A., M.D., *Vice-Chancellor, President, Ex-officio*.
2. The Hon'ble Mr. Justice Naliniranjan Chatterjee, M.A., B.L.
3. The Hon'ble Mr. Justice H. Walmsley, I.C.S.
4. The Hon'ble Mr. Justice W. E. Greaves, M.A.
5. The Hon'ble Mr. T.C.P. Gibbons, K.C.
6. Senior Government Pleader of the High Court.
7. The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I.
8. The Hon'ble Mr. Maherdranath Ray, C.I.E., M.A., B.L.
9. S. Khuda Buksh, Esq., M.A., B.C.L.
10. G. C. Mondal, Esq., Attorney-at-Law.
11. The Legal Remembrancer to the Government of Bengal
12. The Hon'ble Mr. W. W. Hornell, M.A., C.I.E.

13. Dr. S. C. Bagchi, B.A., LL.B., LL.D.
14. Mr. Birajmohan Majumdar, M.A., B.L.
15. „ Hiralal Chakrabartty, M.A., B.L.
16. J. N. Mitter, Esq. M.A., Bar-at-Law.

During the session 1918-19, the the teaching arrangements in the college have been entirely re-organised in accordance with the scheme outlined in the following memorandum by Sir Asutosh Mookerjee.

“The unsatisfactory system of training of law students, which prevailed in our colleges before the University Law College was founded, is described in a memorandum drawn up by me on the 1st July, 1908, and printed in the University Calendar for 1917 Part I, pages 112-117. The System now in force marks a considerable advance upon the pre-existing condition of things, but stands in urgent need of further improvement in essential particulars.

Under the present system, the students are taught in two types of classes. In one type of classes, the students are required to attend three lectures a day, two of them delivered to a class of 150 students each, the other two, a class of 25 students, commonly known as a tutorial class. Each of these lectures extends over a period of 45 minutes, so that the student attends lectures which occupy him for two hours and fifteen minutes. In the other type of classes, the students are required to attend two lectures a day each extending over one hour; each of these classes comprises on an average from 50 to 60 students. There is also some arrangement for written exercises, but it is of so inadequate a character that no further reference need be made to the subject. There are, in addition, moot courts. Cases are prescribed in advance to be studied by students; these are thereafter, argued by them in the class with the professor in the chair. It is obviously impossible for every student to take part in these discussions and as a matter of fact in each class there is a small group of students who systematically join in the debate, while the others somewhat listlessly watch the proceedings.

The vital defect of the present system is that it does not ensure independent work on the part of the student; he is supposed to listen patiently to long courses of lectures, and, if he is specially diligent, to take down notes and analyses with a view to commit them to memory, in other words, he is supplied with pre digested food which he is expected to assimilate. But if there is any branch of study which requires independent thought on the part of the students it is unquestionably law, and he should be made to cultivate from the earliest period, that habit of clear and accurate thinking which is essential for the attainment of professional success. This point of view has pressed itself upon my mind for some time past, but I have not been able hitherto to suggest a complete reorganisation of the teaching arrangements in the University Law College, by reason of financial considerations. At the time of the establishment of the College, in 1909, we found it necessary to draw from the general funds of the University a considerable sum of money for the equipment of the library; year by year, the sum advanced has been paid back in instalments, and on the 30th June of the current year, the final balance due will be repaid. From the commencement of the ensuing academic session, we shall thus be in a position to spend the whole of our income for the benefit of the students. In these circumstances, I venture to ask the indulgence of my colleagues on the Governing Body, to place before them proposals for a more efficient scheme of legal studies for the benefit of our students than has hitherto been found practicable.

The two principles which underlie my proposals are as follows :

- (1) The number of formal lectures which each student is required to attend should be reduced ;

(2) each student should be required periodically to compose a short essay on a prescribed subject, after he had an opportunity to study it under the guidance of his teacher, who would suggest a suitable course of reading therefor ;

(3) These exercises would be submitted to the teacher, who would correct them at home, and would subsequently meet the students in small groups, to discuss with them points which arose on the exercises and any cognate topics.

After careful consideration of the entire course prescribed by the Regulations, I am inclined to adopt the view that no student need be required to attend more than one lecture a day, and that each student should be required to compose, under tutorial guidance as indicated above, one essay every two weeks. The college session covers from 25 to 30 weeks ; each student will consequently be expected to prepare from 12 to 15 essays, during the whole year. This I do not consider to be too exacting, and I trust that if a student faithfully does his work, he will cultivate that habit of accuracy and conciseness which is absolutely essential for a successful career in the profession. In addition to this, the arrangements for moot courts will be continued, as required by the Regulations.

The maximum number of students who can be accommodated in the College in the morning and the evening classes, is 2,400 ; the highest number we had on our rolls was during the last session, viz., 2,180. If we fix the number at the maximum, we have to arrange for approximately 800 students in each of the three classes, as we have under the regulations a three years' course of law study. I would divide each class into sections, of 100 students at the most. Each section will be subdivided into two groups for delivery of the formal lectures and into four groups for purposes of tutorial work. Each section of 100 students will then be placed in charge of two teachers, each lecturing on half the course and each taking the tutorials in his special subjects. The duty of each teacher, thus, will be as follows :

(1) to deliver, on six days in the week, one lecture a day to a class of 50 students at most, extending over one hour ;

(2) to correct 25 exercises a week

(3) to meet 25 students in group of 8, on three days in the week (one hour each day). As the correction of exercises will be done at home, each teacher will have to attend in the University buildings 9 hours in the course of the week.

The work of each student will be as follows :

(1) to attend one lecture a day, every day in the week ;

(2) to compose one essay, in two weeks ;

(3) to attend a tutorial class for one hour, one in two weeks,

This scheme will require a staff of 48 teachers, namely, two for each of the 24 groups of 100 students. It is manifest, however, that some links must be provided for co-ordination of the work ; it would be disastrous, indeed, if each teacher were left free to follow his own way without consultation with such at any rate of his colleagues as might be engaged in dealing with the same subject as he himself was teaching. It would consequently be necessary to group together the teachers in each subject and to appoint a Chairman for that group. Each group, under the guidance of its Chairman, should meet at stated times in the University buildings, fix the subjects for tutorial work, discuss, how the work was progressing, and compare notes of their experience. Let me take a concrete illustration. In the second-year Class, each student is required to attend lectures on four subjects, namely (1) Muhammadan Law &c., (2)

Transfer of Property, (3) Real Property and Succession, and (4) Contracts and Torts. We shall have 16 teachers for the 8 sections of 100 students each; eight of these teachers will take up the first two subjects in the 8 sections, the remaining eight will take up the other two subjects in those sections. Each group of 8 teachers will have a Chairman, to be selected with due regard to seniority and academic distinction. As there will be 6 such groups in the three Classes taken together, we shall require 48 + 6 = 54 teachers. In addition, we have the Principal and the Vice-Principal, who, in spite of their heavy administrative duties, may be able to participate, to a limited extent, in the work of instruction or supervision as Chairman. I would further suggest that the gentlemen appointed as Chairman may not only secure that the work by the several groups of teachers with whom they will be respectively associated is properly organised, but they themselves may very well be expected to deliver during the year, short courses of 4 to 6 public lectures on important topics selected at their choice. These lectures may be thrown open to all law students in the University, and the Professors may also be encouraged to publish them, if they are allowed to retain the copyright.

I am inclined to think that it would be an advantage to constitute a small Council, consisting of the Principal, the Vice-Principal and the 6 Chairmen, to exercise general supervision over the whole teaching work of the institution, and if it is found necessary to associate myself with this body in effectively carrying out the scheme of reorganisation, I shall cheerfully find time for the work."

In accordance with the above scheme, the staff has been distributed as follows ---

COLLEGE STAFF

PRINCIPAL.

Dr S. C. Bagchi, B. A., LL.B. LL.D.

VICE-PRINCIPAL.

Mr. Birajmohan Majumdar, M.A., B.L.

FIRST-YEAR.

JURISPRUDENCE AND ROMAN LAW.

Mr Karunamay Basu, M.A., B.L. (*Chairman.*)

" S. N. Dutt, M.A., LL.B.

" H. S. Suhrawardy, B.Sc., M.A., B.C.L.

" Jitendranath Das Gupta, M.A., M.L.

" Girijaprasanna Sanyal, M.A., B.L.

" D. N. Mitter, B.Sc. LL.B.

" M. N. Kanjilal, M.A., LL.B.

" Atulchandra Gupta, M.A., B.L.

" Pramathanath Banerjee, M.A., B.L.

" N. C. Das, M.A., B.L.

HINDU LAW.

Mr Jyotiprasad Sarbadhikary, M.A., B.L. (*Chairman.*)

" Sureschandra Chakrabarti, M.A., B.L.

" Panchanath Ghosh, M.A., B.L.

- Mr. Bireswar Bagchi, M.A., B.L.
 „ Charuchandra Biswas, M.A., B.L.
 „ Annadacharan Karkum M.A., B.Sc., B.L.
 „ Hiralal Chakrabarti, M.A., B.L.
 „ Mohinimohan Chakrabarti, M.A., B.L.
 „ Manmathanath Ray, M.A., B.L.
 „ Abinaschandra Guha, M.A., B.L.

SECOND-YEAR.

T. P. ACT AND MAHOMEDAN LAW AND PERSONAL LAW.

- Mr. Nagendranath Mitra, M.A., B.L. (*Chairman*).
 „ Birendra Kumar De, M.A., B.L.
 „ Gopalchandra Das, M.A., B.L.
 „ Hiralal Sanyal, M.A., B.L.
 „ J. W. Chippendale, M.A., B.L.
 „ Mukundanath Ray, B.L.
 „ Sitaram Banerjee, M.A., B.L.

REAL PROPERTY AND CONTRACTS AND TORTS.

- Mr. S. C. Ray, B.A., LL.B. (*Chairman*).
 „ J. N. Mitter, M.A.
 „ S. K. Mitter, B.A., LL.B.
 „ Ajay Dutt, M.A. (Oxon.)
 „ Saratchandra Lahari, M.A., B.L.
 Mr. S. M. Bose, M.A., LL.B.
 Dr. S. K. Gupta, M.A., B.L., B. Litt, Ph. D.

THIRD-YEAR.

EQUITY.

- Dr. S. C. Fagchi, B.A., LL.B., LL.D. (*Principal and Chairman*)
 Mr. P. Mitter, B.A.
 „ S. N. Bhattacharyya B.A., Bar-at Law
 „ S. R. Dass, B.A., LL.B., Bar-at-Law
 „ Samatulchandra Datta, M.A., B.L.
 „ P. K. Chakrabarty, M.A.

AND LAWS

- Mr. Tarakchandra Chakrabarti, B.A., B.L. (*Chairman*)
 „ Upendranarayan Bagchi, M.A., B.L.
 „ Brajendranath Chatterjee, M.A., B.L.
 „ Gopendranath Das, M.A., B.L.
 „ Anilendranath Raychaudhuri, M.A., B.L.

C. P. CODE AND EVIDENCE.

- Mr. Birajmohan Majumdar, M.A., B.L. (*Vice-Principal, Chairman*).
 „ Umeshchandra Ghosh, M.A., B.L.
 „ Atulchandra Datta, M.A., B.L.
 „ Nagendranath Ghosh, M.A., B.L.
 „ Sasadhar Ray, M.A., B.L.

CRIMINAL LAW

Mr. Haraprasad Chatterjee, M.A., B.L. (*Chairman*).
 „ P. N. Dutt, M.A., B.L.
 „ S. A. Khuda Bukhs, M.A., B.C.L. (Oxon.)
 „ P. K. Mukerjee, B.A.
 „ Jogendranarayan Majumder, M.A., B.L.

M. L. CLASS.

Hindu Law	...	Mr. Asiranjana Chatterjee, M.A., M.L.
Roman Law	...	Dr. Aswinikumar Chaudhuri, B.A., LL.B., LL.D.
Jurisprudence	...	Mr. Rupendrakumar Mitter, M.Sc., M.L.
Private International Law	...	Mr. P. Chaudhury, M.A.
Equity	...	Mr. Bijankumar Mukerjee, M.A., M.L.

PROFESSOR-IN-CHARGE OF THE READING ROOM.

Mr. Asutosh Mookerjee, M.A., B.L.

The College fee is Rs. 7 per month. An admission fee of Rs. 7 is also charged in the case of first admission to the College.

Twelve scholarships of Rs. 10 a month each tenable for one year, have been established. Four of these are open to competition among students of the First-year Class, four among the students of the Second-year Class and four among the students of the Third-year Class. The scholarships in the First-year Class are awarded towards the end of September upon the results of the College test which is held at the time, those in the Second-year Class are awarded upon the results of the Preliminary Examination in Law, and those in the Third-year Class upon the results of the Intermediate Examination in Law. All these scholarships take effect retrospectively from July.

Twenty-four scholarships of Rs. 6 a month, tenable for one year, are also awarded from the endowment established by the Maharaja of Cossimbazar. Eight of these are open to competition among students of the First-year Class, eight among the students of the Second-year Class and eight among the students of the Third-year Class. They are chiefly open to competition among students graduating from Krishnath College, Berhampur.

Provision has been made for the residence of students who do not reside with their parents or guardians. Such students must apply on or before the 1st July, and students are recommended in all cases to take their admission before the 1st of July.

To the College is attached an extensive Law Library containing numerous sets of Reports and Text-books. The Library is divided into two sections—(A) for reference, (B) for lending. Books in Section (A) may be consulted by students at any time from 9 A.M. to 6.30 P.M. Books in Section (B) may be borrowed by students; no deposit is required, if one volume is borrowed. Those who deposit Rs. 5 are allowed to borrow two volumes at a time.

The College is held in the spacious apartments of the Darbhanga Buildings, ample provision has been made for Reading Rooms.

Arrangements have been made to deliver a course of lectures in the M.L. Classes which have been opened, on Jurisprudence, Roman Law, and Private International Law, Hindu Law and Mahomedan Law. The college fee for M.L. Classes is Rs. 8 per month.

All applications for admission are to be addressed to the Registrar Senate House, Calcutta. Further information as also a detailed programme of the work and Library rules, etc., may be obtained on application to the Librarian, University Law College, Senate House, Calcutta.

RULES OF THE HARDINGE HOSTEL OF THE UNIVERSITY LAW COLLEGE.

I.—ADMISSION.

1. The Hardinge Hostel is reserved for the use of Hindu students of the University Law College. It is a collegiate Hostel as defined in Chapter XXIV (7) of the University Regulations.

2. Applications for admission must be made in the prescribed form. Every admission shall be subject to the approval of the Principal or the Vice-Principal.

II.—FEES.

3. A fee of Rs. 6 shall be paid by every student on first admission to the Hardinge Hostel. If a student withdraws and seeks re-admission the fee must be again paid.

Every student will also be required to deposit a further sum of Rs. 4 on his admission to the Hostel to make good any breakage or damage to the electric fittings in the rooms, passages or halls for which he may be found responsible.

4. The monthly Hostel charges for each student in the first, second, third and fourth floors shall be Rs. 25, and for each student in the ground floor Rs. 23.

[NOTE.—This is based upon an approximate estimate of the expenses under the following heads.]

				Rs.
Seat rent	...	...	...	5 (Rs. 3 for ground floor)
Messing charges	...	...	...	13-8.
Electric light	...	...	...	} 6-8.
Furniture and Utensils	...	...	...
Establishment charges	...	...	...
Municipal Rates	...	...	...
Medical aid	...	...	...
Incidental expenses	...	...	...

Each student occupying the first, second, third or fourth floors will have to pay Rs. 25, and each student occupying the ground floor, Rs. 23 during every month of the year, provided that if he does not reside during summer vacation he will be allowed a remission of Rs. 22 if he is a boarder of the first, second third or fourth floor, and a remission of Rs. 20 if he is a boarder of the ground floor, for the months of May and June; and provided that if he resides during summer vacation, he will be allowed a remission of Rs. 13-8 only per month for May and June, during which he will reside and will have to make his own messing arrangement.

Boarders will be allowed a remission of their messing charges only for such period during the Puja vacation as may be fixed by the Principal or Vice-Principal. They will have to manage their own messing during such period.

5. The monthly fees are payable *in advance* in one sum to the University Cashier on or before the 15th every month: for every day's delay beyond this limit, a fine of two annas will be levied.

6. Admissions are understood to be for a complete term, and boarders are liable for all charges from the beginning of the term. Messing charges may, however, be remitted in special cases : in particular, in cases of leave on medical certificate for periods of 15 days and over but not less than 15 provided the 15 days fall within one and the same month, and in cases of late admission on transfer and on the occurrence of vacancies, also in cases of withdrawal on transfer or medical certificate.

Remission of the messing charges cannot be claimed as a matter of right and no remission will be granted unless previously to absents themselves boarders obtain the written permission of the Principal or the Vice-Principal.

7. Withdrawal from the Hostel requires the sanction of the Principal or the Vice-Principal. Application for withdrawal must be made by the guardian, and submitted at least ten days before the date from which the withdrawal is to take effect.

III.—FURNITURE.

8. Bedstead, table, chair, stool, book-shelf, cloth-peg, dirty linen chest, one of each, and also a set of bell-metal utensils (1 rice-plate, 1 tumbler and 2 cups), will be supplied to all boarders on admission. Boarders must provide their own bedding.

Furniture must not be removed from the Common Rooms or from one room to another without permission.

9. In case of wilful damage to furniture, fixtures or utensils, the damage must be made good by the boarder or boarders causing it.

IV.—MEALS.

10. The arrangements for meals will be made by the Assistant Superintendent, assisted by a Mess Committee of boarders, elected, two from each flat, by the boarders of the flats severally.

Mess Committee will be elected fortnightly. Each boarder must act as a member of the Mess Committee by turn as required by the Principal or the Vice-Principal. One of the Prefects shall be a member of this Committee by turn.

11. Boarders must take their meals in the dining-hall unless they are ill. The recognised times for meals are from 10 to 12 in the morning, from 8.30 to 10.30 in the evening. The dining-halls will be closed at 12 noon and at 10.30 in the evening.

12. In cases of illness, boarders will be supplied with such invalid diet as may be prescribed by the medical officer to the Hostel, but, if extra expense is involved, it must be borne by the boarder himself.

V.—WARDS AND DISCIPLINE.

13. The Hostel is divided into five wards, each of which shall be in charge of a Prefect who will be responsible for good order and discipline under the authority of the Superintendent. The Prefects will be appointed by the Principal or the Vice-Principal, on the recommendation of the Superintendent and subject to the approval of the President of the Governing Body.

14. In each ward the Prefect will call the roll morning and evening. He will be trusted to do his best to maintain good order in his ward in every respect. He will be expected to report breaches of the rules and any serious case of misconduct to the Superintendent. The ward servant will be under his orders.

15. The Prefect will enjoy the following privileges (1) He will be entitled to an allowance of Rs. 15 per month. (2) He will be entitled to a special certificate when he leaves the College

Prefects will not be entitled to take leave from the Hostel for a period of more than 15 days and that only in case he falls ill. If any Prefect leaves the Hostel for more than that period or is unable to attend to his duties separate arrangement will be made by the Principal or the Vice-Principal and no allowance will be paid to the Prefect for the period of his absence.

16 Morning roll-call will be at 6-30 A.M and evening roll-call, at 9 P.M. throughout the year. At the hours of roll-call, the Prefects will be present in the Hall or the Corridor of the ward as the case may be, with the Register for 15 minutes. Boarders must come there within that time and sign their names in the Register. Failing to do this, the boarders will be treated as absent and marked as such by the Prefect. Absence from roll-call will be punishable by fine of four annas.

17. Boarders will be expected to remain in their own rooms ordinarily and not disturb others by walking about in the verandahs, or talking.

18. All boarders are required to be in the Hostel by evening roll-call. Boarders returning to the Hostel after 9 P.M., unless they have the written permission of the Superintendent to remain out later, will pay fines automatically in accordance with the following scale:—

			Rs.	As.
Between 9 and 10	...	...	0	4
Between 10 and 11	...	...	0	8

At 11 the gate will be locked for the night. The Durwan shall not allow any boarder to enter the Hostel after 11 P.M., unless such boarder had the previous written permission of the Superintendent to stay out later than 11 P.M. Any boarder remaining out later than 11 whether with or without the permission of the Superintendent shall be reported to the Principal.

19. A Conduct Register will be kept by Superintendent (in accordance with the University Regulations) in which the names of boarders will be entered in all cases of serious misconduct. An entry once made cannot be altered or cancelled.

Complaints to the Superintendent against the menials and others should be made in writing. Boarders shall not take into their hands the task of chastising or punishing the menials. Such conduct will be regarded as misconduct.

20. Boarders are liable to be fined at the discretion of the Superintendent for the infringement of rules, disobedience of orders and any other form of misconduct. More serious offences will be punished by the entry of the offender's name in the Conduct Register, and in extreme cases, by removal from the Hostel. If the Hostel charges are not paid within the month for which they are due, the name of the defaulter will be automatically removed from the Rolls and will not be restored except upon the special order of the Principal or the Vice-Principal.

21. A form of report for each student will be filled in and signed by the Superintendent at the end of each year (or at the time of withdrawal from the Hostel). A good report will be a condition of continuance in the College, and of admission to the University Examinations.

VI.—WATER AND ELECTRIC INSTALLATION

22. Students must not bathe anywhere in the 1st, 2nd, 3rd and 4th floors, and in the lavatory block of the ground floor.

23. Water will be available on these floors from 6 to 10 A.M. and from 3 to 6 p.m. The Office-in-charge of each flat will be held responsible, should any tap be found running.

24. All lights except in corridors and passages in the rooms must be shut down at 11 P. M.

25. All lights must be turned off, when the occupant of a room leaves it.

26. If a room locked from the outside is found with lights on a fine of one rupee per day will be imposed.

27. Bulbs must not be changed by the students. Violation of this rule by a student will make him liable to a fine of Rs. 4.

28. Any breakage or damage to the Electric fittings in the rooms, passages, halls, must be at once reported to the Superintendent, who will report to the Registrar. In the absence of a satisfactory explanation the occupant of the room or occupants of the rooms on the floor where the damage has been done will be required to make good the loss. To ensure this being done, each of the occupants of the Hostel will have to deposit Rs. 4 at the beginning of the session, an account being rendered at the end of the session.

29. All assistants and students are expected to co-operate and assist the University in reducing the bills by shutting down the fans and lights when not in use. The Darwans and Chaprasis in each flat and room will be ordered to shut down any fans and lights which are not in use.

VII.—SICKNESS.

30. Boarders, when ill, will be attended by the Medical Officer of the Hostel. If a boarder wishes to be attended by any other medical man, he must first obtain the permission of the Superintendent. In such cases, the Hostel Medical Officer has no responsibility for the patient. Any extra expenses involved for diet or nursing must, in these cases, be borne by the patient.

31. Boarders when reported as seriously ill will be removed to the hospital.

32. In case of infectious illness, special precautions are necessary. In all such cases (measles, chicken-pox, cholera) there must be segregation from the rest of the boarders; cases of small-pox or plague must at once removed from the Hostel.

VIII.—VISITORS AND OTHER NON-RESIDENTS.

33. Outsiders, whether friends or relatives of the students or any of the officers as a rule, shall not be allowed to pass even a single night in the Hostel. In emergent cases such as illness of a boarder, relatives or friends may be admitted in order to nurse him, with the previous written permission of the Superintendent be subsequently confirmed by the Principal or the Vice-Principal.

By special permission of the Superintendent, male relatives and friends of the boarders may take their meals in the Hostel for one or two days as guests, but in no cases shall such permission be given for a longer period than two days. Guest's charge at the rate of five annas per meal will have to be paid *in advance*.

In no case can this privilege be claimed as a right. Boarders must always obtain the consent of the Superintendent beforehand and permission can only be given when there is room in the Hostel without exceeding the recognised complement of boarders.

34 Traders and hawkers of no description should come inside the hostel without permission from the Superintendent.

35 At 9 P.M. all visitors and other persons from outside, except friends and relatives with special permission under Rule 33 must leave the Hostel.

IX.—NEW ADMISSION.

36 Students will be formally admitted, only on showing the University Cashier's receipts for fees deposited for the University Law College. This receipt will be evidence that the student has been admitted in the College.

37. Any student desiring to stay in the Hostel before he is formally admitted as a boarder can only be allowed to do so on depositing the admission fee of Rs. 6.

38 A student once formally admitted to the Hostel as a boarder, will not be permitted to have his admission cancelled. He may apply for withdrawal according to the rules, paying full charges for the whole term (*vide* Rule 6).

39. The allotment of the rooms will be entirely at the discretion of the Superintendent. His decision in this matter will be final.

IX.

Research Studentships, Scholarships, Prizes and Medals.

PREMCHAND ROYCHAND RESEARCH STUDENTSIPS.

Premchand Roychand, Esq., of Bombay, in a letter to the Government of India, offered, to make a donation of two lakhs of rupees to the Calcutta University, and on the 9th February, 1866, paid over this amount to the Government of India, to be transferred to the University and held by it as a Body Corporate, under Section 2 of Act II of 1857. Mr. Premchand Roychand further expressed a hope "that the money should be devoted to some one large object or to a portion of some large object for which it might in itself be insufficient."

The Senate, at a meeting on the 21st July, 1860, accepted Mr. Premchand Roychand's magnificent donation, and directed that it should be invested in 5 per cent. Government Securities.

The Senate, at their meeting, held on the 2nd May, 1908, approved the following rules for appropriating the proceeds of the donation :—

1. Six Studentships of Rs. 1,400 a year, each to be called the "Premchand Roychand Research Scholarship," shall be maintained on the interest of the endowment.

2. Any graduate of the University of Calcutta, who has passed the Examination for the Degree of Master or Doctor in any Faculty, during twelve years from the time that he passed the Entrance or the Matriculation Examination, shall be eligible for only one of these Studentships.

Explanation—

Any person who passed the Entrance Examination in 1908 and subsequently passed the Examination for the Degree of Master or Doctor in any Faculty, may be a candidate for the Studentship in any year not later than 1920.

3. The Studentships shall be awarded for promotion of research. Each Studentship shall be tenable for three years, during which the student will be required to carry on some special investigation or work in the subject in which the studentship was awarded.

4. Two Studentships shall, ordinarily, be awarded every year, one in a Literary Subject, the other in a Scientific Subject.

5. The Literary Subjects shall be as follows :—

English, Sanskrit, Pali, the Prakrits and Indian Vernaculars, Arabic, Comparative Philology with special reference to the Oriental languages, Indian Palaeography and Epigraphy, Indian History, Philosophy, Economics.

16. RESEARCH STUDENTSHIPS, SCHOLARSHIPS, PRIZES & MEDALS

The Scientific Subjects shall be as follows :-

Mathematics, Physics, Chemistry, Physiology, Botany, Geology and Mineralogy, Zoology including Proto-Zoology and Comparative Anatomy, Experimental Psychology.

6. Candidates for the Studentship shall submit their applications to the Registrar not later than the 31st October in any year and shall at the same time pay a fee of Rs. 32. Each application shall state (a) the academical distinctions which the candidate has obtained; (b) the subject in which he has specialised; (c) any research or investigation which he has made in the selected subject or in any allied branch of knowledge; (d) the subject in which he intends, if elected to a Studentship to carry on special investigation or research. Every candidate shall produce a thesis dealing with some subject in which he has carried on or intends to carry on research. Every candidate shall also state whether the research or investigation which he intends to undertake will be carried on in any particular Library or Laboratory and, if so what facilities are available. Every candidate shall further produce along with his application testimonials to satisfy the syndicate that he is in habits and character a fit and proper person to carry on the research which he proposes to undertake.

7. The Syndicate shall, as soon as possible, after the applications have been submitted, appoint two special Boards, one to report on the applications in the Literary Subjects, the other to report on those in the Scientific Subjects.

The candidates shall not be required to submit themselves to any written, oral or practical examination, but either special Board may, as its discretion require a candidate to appear before it with a view to ascertain precisely the nature of the research or investigation in which he has been previously engaged or which he wished to undertake if elected to the Studentship. Each Board shall submit a report dealing with the name and qualifications of the candidate recommended for election to the Studentship, and the grounds for such recommendation.

8. Neither Special Board shall be bound to recommend any candidate, if in their judgment, none of the candidates is qualified to carry on research or investigation, so as to be worthy of the Studentship.

9. The reports of the Special Boards shall be laid before the Syndicate not later than the 15th of December every year and if the Syndicate, upon the reports, are satisfied that the candidates recommended are worthy of the Studentships, they shall make the award accordingly.

10. If, in any year, a Studentship in Literary or Scientific subject is not awarded on the ground that there is no candidate in that particular group of subjects qualified to receive it, it shall be competent to the Syndicate to award that Studentship in the other group of subjects in the same year or in any subject in any subsequent year.

11. Each studentship shall be tenable from the month of January and each student shall receive Rs. 50 a month.

Not later than 31st of October in each year, every student shall submit to the Registrar a detailed statement of the research or investigation in which he has been engaged during the year. If the Syndicate are satisfied that the research or investigation has been duly carried on as undertaken by the candidate in his application, so that the object with which the Studentship was awarded, has been realised, the student shall receive at the end of the year a sum of Rs. 200.

12. If it is proved to the satisfaction of the Syndicate that a student has undertaken no research or investigation or has abandoned it or has otherwise

acted in contravention of the terms upon which the Studentship was granted, they may, at any time, suspend the payment of the monthly stipend.

13. The Syndicate shall, whenever practicable, arrange for the publication of such of the researches of Premchand Roychand Students as may appear to be of special value or excellence.

14. The names of the Premchand Roychand Students past and present shall be printed in the Calendar after the names of the Fellows.

15. The Examination for the Studentship under the old Regulations was held for the last time in 1909, and the first award under the new Regulations was made in December, 1910.

MOUAT MEDAL.

The Commission of the Mouat Testimonial Fund made over to the University the sum of Rs. 1,740 to be invested in six per cent. Municipal Debentures with the request that the University would apply the annual interest to carry out the following purposes :—

1. That two Annual Gold Medals be instituted to be named the Mouat Medals.

2. That a Medal be awarded to each Premchand Student at the end of the term of his studentship, provided he has carried on research or investigation in accordance with Regulations under which the studentship is awarded.

3. That the Medals be presented publicly to the successful students at the Annual Convocation for conferring degrees.

4. That in the event of a deficiency in the Fund, the balance required be contributed from the University Fee Fund.

The Senate at the annual meeting in 1872 thankfully accepted this benefaction for carrying out the object of the Fund.

MEDALLISTS.

1874	Bandyopadhyay, Biharilal	Presidency College
1876	Batthyai, Umeshchandra	Sanskrit College
1877	Mulraj	Lahore College
1878	Lahiri, Prasannakumar	Presidency College
1879	Kennedy, Pringle	Teacher
1880	Majumdar, Nilkantha	Presidency College
1881	Agasthi, Suryyakumar	Ditto
1882	Gupta, Asutosh	Ditto
1884	Majumdar, Ramchandra	Ditto
1885	Bandyopadhyay, Rajendrachandra	Sanskrit College
1886	Mukhopadhyay, Asutosh	Presidency College
1888	{ Trivedi, Ramendrasundar	Ditto
	{ Basu, Abinashchandra	Ditto
1890	Majumdar, Upendralal	Ditto
1891	Wheeler, E. M.	Bishop's College
1892	Ghatak, Mohinikanta	Presidency College
1893	Holland, Mary Florence	Private Student
1894	Bhaduri, Jyotibhushan	Presidency College
1895	Bandyopadhyay, Satishchandra	Agra College
1896	Chakrabarti, Jnan-saran	Presidency College
1897	Sarkar, Jadunath	Ditto
1898	Brahmachari, Indubhushan	Ditto
1899	Sen, Priyanath	Ditto

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1900	De, Krishnaprasad	...	Fres. Coll. and Genl. Assembly's Instr
1901	Bhattacharyya, Krishnachandra	...	Presidency College
1902	Sen, Jatindranath	...	Ditto [College]
1903	Mukhopadhyay, Adityanath	...	F. C. of Scotland's Institution and Duff
1904	Gangopadhyay, Phaniudralal	...	Presidency College
1905	Mukhopadhyay, Radhakumud	...	Ditto
1906	Niyogi, Panchman	...	Ditto
1907	Ghosh, Praphullachandra	...	Ditto
1908	Basak, Nabagauranga	...	Ditto
1910	Bagchi, Haridas	...	Non Collegiate Student
"	Sarkar, Anukulchandra	...	Ditto
1911	Ray, Manmathnath	...	Ditto
"	Sengupta, Hemendrakumar	...	Ditto
"	Majumdar, Surendranath	...	Ditto
1912	Majumdar, Rameschandra	...	University Student
1913	De, Bimanbihari	...	Ditto
"	Mukhopadhyay, Girindralal	...	Scottish Churches College
"	Bandyopadhyay, Gauranganath	...	Presidency College
1914	Mukhopadhyay, Bhujangabhusan	...	Ditto
"	Gangopadhyay, Surendramohan	...	Scottish Churches College
1915	Mukhopadhyay, Radhakamal	...	Non-Collegiate Student
"	Law, Narendranath	...	Presidency College
"	Bandyopadhyay, Sudhansukumar	...	Ditto
1910	Datta, Rasiklal	...	Ditto
"	Ghosh, Brajendranath	...	University Student

3

JUBILEE RESEARCH PRIZES.

1. In commemoration of the Jubilee of the University, prizes shall be instituted for the promotion of research by its graduates.

2. Out of the University Reserve Fund, a sum of Rs. 30,000 (thirty thousand) shall be set apart and called the Jubilee Research Prize Fund.

3. Out of the income of the aforesaid Fund two prizes shall ordinarily be awarded every year. Each prize shall consist of a gold medal of the value of Rs. 150 and a sum of Rs. 350 in cash.

4. One prize shall be awarded for research in Arts subjects and another for Research in Scientific subjects. The Arts Subjects include Literature, Oriental languages, Philology, Archaeology, History, Economics, Philosophy and cognate branches of knowledge. The Scientific subjects include Pure and Applied Mathematics and the different branches of Natural and Physical Science.

5. Not later than the 1st of March in every year, the Syndicate shall invite the Members of the Senate to make suggestions with reference to definite problems which they consider to be suitable subject for investigation, such suggestions to reach the Registrar not later than the 31st of May. It shall be the duty of each Member who makes suggestions to show that it is possible to carry out the suggested research with the means available in this country. Not later than the 30th of June in every year the Syndicate shall determine and announce two subjects, one in Arts and one Scientific, in which prize shall be awarded in the second year, following that in which the announcement is made. The announcement shall specify as accurately as practicable the particular problem or class of problems in which research is invited.

6. The prize shall be open to all persons who have at any time been admitted to a degree in this University.

7. Every thesis shall be sent privately to the Registrar not later than the 30th of June in the year next but one succeeding that in which the subjects are announced. Every thesis shall bear a motto but not the name of the candidate and shall be accompanied by a sealed envelope bearing the same motto outside and containing inside the name and address of the candidate.

8. Every candidate shall indicate generally in a preface to his thesis and specially in notes the sources from which his information is taken, the extent to which he has availed himself of the work of others and the portions of the thesis which he claims as original, he shall further state whether his research has been conducted independently, under advice, or in co-operation with others and in what respects his investigations appear to him to tend to the advancement of knowledge.

9. As soon as may be after all the theses have been received, the Syndicate shall have them adjudged by Boards of Examiners: there shall be one Board for the thesis on the Arts subjects and another for those on the Scientific subjects. It shall be an instruction to the Boards not to recommend any thesis for a prize unless it exhibits a sufficient standard of excellence.

10. Not later than the 30th September in every year, the Syndicate shall, upon the reports of the Boards (which shall be published in the Minutes), award the prizes.

11. If in any year it is reported that there is no thesis worthy of either of the prizes, the prize shall not be awarded, and a prize not so awarded may, at the discretion of the Syndicate, be awarded in the same or in any subsequent year to the author of a thesis upon any subject which may be declared worthy of the prize by the Board of Examiners.

12. Any Board of Examiners shall be at liberty, in recommending a particular thesis for a prize, to include in their reports the names of any other thesis which, in their opinion, deserve considerable praise or commendation.

13. Every candidate shall be at liberty to publish his thesis and the thesis of every successful candidate shall be published by the University. The Syndicate may also, at its discretion, publish any thesis which has been specially commended.

14. The first announcement of the Subject for the prizes was made before the 30th June, 1908.

SUBJECTS FOR 1920

Literary Subject

- (i) A comparative Study of European and Indo-Sanskrit comedies.
- (ii) The Basis meaning and development of Indian Nationality.

Scientific Subject

Determination of nutritive principles (protein, fat, carbohydrate, salts and water) in the following Indian food-stuffs:-

- (i) Indian Rice—any six common varieties
- (ii) Dal—Moong, Kalai, Arhar, Chhola and Motor.
- (iii) Wheat flour—Maida, Atta, Wholemeal flour.
- (iv) Chhana—Fresh milk curd.
- (v) Dahi—Sour milk.
- (vi) Fish—Rohi, Hilsa, Magoor, Bhetki, Koi, Parsee, Mango Fish.
- (vii) Fruits—Mangoes, Jack fruits, (raw and ripe) and their seeds, Bael, Pineapple, Orange, Guava, Plantains (green and ripe), Groundnut, Coconut.
- (viii) Vegetables—Patat, Sweet Pumpkin (Bilati Kumbat) and Munkachu.

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SUBJECTS FOR 1921.

Literary Subject.

The influence of European thought on Bengali Literature from 1857--1900

Scientific Subject

Examination of analogies between the motion of a system of rigid bodies having n degrees of freedom and the motion of a particle in n way space (Webster's Dynamics)

SUBJECTS FOR 1922.

Literary Subject.

(i) Drama as a reflection of National life and character in Bengal.

(ii) The basis, meaning and development of Indian Nationality.

Scientific Subject.

(i) The Bacteriology and Chemistry of the tobacco ordinarily used in *Hukka*.

(ii) The mango blight.

PRIZE WINNERS

1912.

Bandyopadhyay, Rakhaladas, M.A. An Essay on the Origin and History of the Bengali Alphabet.

1914.

Dhar, Nilratan, M.Sc. Chemistry of the Nitrites.

1916.

Chakrabarti, Nilmoni The Geography of Kalidasa

1917.

Chattopadhyay, Sunitikumar, M.A. Comparative Philology with special reference to Bengali dialects

1918

Bandyopadhyay, Jyotirmay, M.B. An enquiry into the state of vision of Indian students in Calcutta with special reference to myopia at different ages and investigation of the factors supposed to influence the progress of myopia.

4

GRIFFITH MEMORIAL PRIZE.

In August, 1901, Registrar received from Messrs. Winter Bothamly & Co., Solicitors, London, a sum of Rs 25 935-0-9 being the value, deducting costs of the one-tenth share of the residuary Estate, bequeathed to the University by the late Mr. William Griffith. A Sub-Committee of the Syndicate consisting of the Hon'ble the Vice-Chancellor, the Rev. Fr. E. Lafont, S. J., C.I.E., M.I.E.E., Alex. Pedler, Esq., C.I.E., F.R.S., and the Hon'ble Dr. Asutosh Mukhopadhyay M.A., D.L., F.R.A.S., F.R.S.E., was appointed to consider the question as to the disposal of the amount. In December, 1901, a further sum of Rs. 60 was received from Messrs. Winter Bothamly & Co, on account of assest sold since the division of the estate, thus making the total value of the bequest Rs. 25 995-0-9. The amount was invested in 3½ per cent Government Securities of the nominal value of Rs. 26,800. Out of the interest of this fund, the Syndicate have decided to award an annual prize to be called the "Griffith Prize."

The following rules recommended by the Sub-Committee were adopted by the Syndicate at their meeting held on the 14th December, 1901—

An Annual Prize to be called the Griffith Prize, will be awarded by the University for the encouragement of advanced study in Science and Letters

All persons who have taken the Degree of Bachelor in the Faculty of Arts or the corresponding Degree in any other Faculty in this University, will be allowed to compete. The Prize will be awarded in Science and Letters, in alternate years.

Candidates for the Prize will be required to submit an Essay or a record of original work in some Department of Science or of Letters, as the case may be, and each candidate will be required to send his Essay or record of work to the Registrar under a distinguishing motto. The name of the candidate must be forwarded at the same time in sealed envelope with the motto outside.

Honorary Examiners will be appointed by the Syndicate to adjudicate upon the merits of the work submitted by the candidates.

If in any year no prize is awarded by reason of no candidate having shown sufficient merit to entitle him to the prize, the income of that year may be utilized in awarding a second Prize in the next or in any subsequent year.

The Griffith Prize for 1919 will be awarded by the Syndicate in the course of 1920, and the subject for such Prize will be an Essay or record of original work in some Department of Letters. Candidates are to send in their Essay or records of original work on or before the 31st December of the year for which the Prize is to be awarded.

The value of the Prize for 1919 will be Rs. 900.

PRIZE WINNERS.

1902.

- | | | |
|------------------------------------|-----|---|
| De, Babu Krishnaprasad, M.A. | ... | Reciprocation and Double Refraction. |
| Sen, Babu Jatindranath, M.A. | ... | Decomposition of Mercuramorium Salts under the influence of Heat. |
| Chatterjee, Babu Gopalchandra, M.B | ... | Parasite in Anopheles. |

1903.

- | | | |
|------------------------------------|-----|---------------------------------|
| Maitra, Babu Heranibachandra, M.A. | ... | "Emerson" and "Work and Wages." |
|------------------------------------|-----|---------------------------------|

1904.

- | | | |
|-------------------------------------|-----|--|
| De, Babu Krishnaprasad, M.A. | ... | Cubic Curve. |
| Chatterjee, Babu Gopalchandra, M.B. | ... | Cultivation of Trypanosoma out of Leishman Donovan bodies. |
| Brahmachari, Babu Indubhushan, M.A. | ... | Line Infinity. |

1905.

- | | | |
|------------------------------------|-----|--|
| Ghosh, Babu Praphullachandra, M.A. | ... | India as known to Ancient and Medieval Europe. |
|------------------------------------|-----|--|

1906.

- | | | |
|------------------------------|-----|--|
| Niyogi, Babu Panchanan, M.A. | ... | On the formation of Ethyl Nitrite and Nitro-Ethane by the interaction of alkyl Sulphates with the Nitrites of the Alkali metals and metals of the Alkaline earths. |
|------------------------------|-----|--|

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- Gangopadhyay, Babu Phanindralal, M.A. Binary Stars.
 Chattopadhyay, Babu Gopalchandra M.B. On a specific thermostable toxine found in culture media of the bacilli of the Typhoid group and its application in the differentiation of these bacilli

1907

- Vidyabhushan, Mahamahopadhyay Satis- A short History of the Medieval
 chandra, M.A., Ph. D. Schol of Indian Logic
 Sarkar, Babu Jadunath M.A. ... The great War in Bengal, 1658-60.

1908

- Mukhopadhyay, Babu Syamadas, M.A. Infinitesimal Analysis of an Arc of any plane curve.

1909

- Mukerjee, Dr. Girindranath, B.A., M.D. Surgical Instruments of the Hindus

1910

- Mukerjee, Dr. Syamadas, M.A., Ph.D. Osculating Hyper-spheres to Hyper-twisted Curves of five and higher dimensions.
 Brahmachari, Rai Bahadur Upendranath M.A., M.D., Ph.D. On a new method of testing blood and on some new facts regarding the constitution of Orxthraxes

- Mukerjee, Dr. Girindranath, B.A., M.D. Notices, biographical and bibliographical, of the Indian Physicians and their works on Medicine.

1911

- Mukerjee, Dr. Syamadas, M.A., Ph.D. A Problem in endless dimensions.
 Ghosh, Mr. Ekendranath, M.Sc., B.S. The Anatomy of Atopos

1913

- Ghulam Yazdani, M.A. Juhannara : a study.
 Datta, Mr. Nilinikumar, M.A. The Rigveda as a history.
 Mukerjee, Dr. Girindranath B.A., M.D. The Science of Medicine in the Atharva Veda.

1914

- Dhar, Mr. Nilratan, M.Sc. Catalysis.

1915

- Dasgupta, Babu Surendranath The Philosophy of Patanjali.
 De, Babu Susilkumar The Early European Writers in Bengali.

1916

- Datta, Dr. Rasiklal, D.Sc. Manufactures of the Halogens.

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1917.

- Majumdar, Dr. Rameschandra, M.A. Corporate activities in the Political and Economic Life of Ancient India.
Ph. D.
Basak, Babu Radhagobinda, M.A. ... New historical data for the Gupta Period of Indian History from the copper-plate Inscriptions recently discovered at Damodarpur.

1918.

- Bhattacharyya, Babu Durgaprasanna ... Vector Calculus and the steady motion of a Solid in Liquid.

1919.

1. The Prize of Rs. 900 was divided equally among the authors of the following theses :—

- | Name of Author. | Name of Thesis. |
|--|---|
| (a) Raychaudhuri, Mr. Hemchandra, M.A. | The Political History of India from the accession of Parikshit to the coronation of Bimbisara. |
| (b) Dutt, Mr. Sukumar, M.A., B.L. | ... An essay on the Vinayapitakam and early Buddhist Monasticism in its growth and development. |
| (c) Ghatak, Mr. Jyotischandra, M.A. | ... Social Life in Ancient India. |

2. Two additional prizes of Rs. 100 each were awarded to the authors of the following theses :—

- | Name of Author. | Name of Thesis. |
|--|--|
| (a) Bhattasali, Mr. Nalinikanta, M.A. | ... Chronology of the early independent Sultans of Bengal. |
| (b) Bhattacharyya, Mr. Batuknath, M.A. | A brief survey of the Sahitya-Sastra. |

5

BEERESHUR MITTER MEDAL.

R. Mitra, Esq., Bar-at-Law, made over to the University, Government Securities for Rs. 3,000 for the purpose of creating an endowment on the following conditions :—

1. A gold medal, to be called the "Beereshur Mitter Medal," will be annually awarded by the Syndicate, at their monthly meeting in December, to the author of the best Essay in English on some subject (as hereinafter provided for) relating to *Indian Economics*.

2. The Medal shall bear the University Arms on one side and the words "Beereshur Mitter Medal awarded to.....," on the other, and shall be presented publicly at the Annual Convocation of the Senate for conferring Degrees.

3. The subject for the Essay for each year shall be specified by the Syndicate and announced by the Registrar in the official Gazette and in such newspapers as the Syndicate shall think proper at least one year before the award of the Medal.

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4. The competition for the Medal shall be limited to candidates who have at any time, been admitted to a Degree in this University.

5. Each candidate for the Medal shall be required to send his Essay to the Registrar in a sealed cover under a distinguishing motto. The name of the candidate must also be forwarded at the same time in a sealed cover bearing the motto outside.

6. The Essays in competition for the Medal must reach the Registrar not later than the 1st of October next preceding the award.

7. An Honorary Examiner shall be appointed by the Syndicate, who shall adjudicate upon the merits of the work submitted by the candidates.

8. The Medal shall not be awarded to the author of any Essay, unless such Essay furnishes evidence of research or special investigation, or embodies useful suggestions relating to the subject.

9. The successful candidate shall be required to publish his Essay.

10. The names of the Medallists shall be published in the *Gazette* as also in the University Calendar.

11. If in any year, no candidate evinces sufficient merit to entitle him to the Medal, the income of the year shall be added to the Fund, and invested accordingly.

12. The first "Beereshier Mitter Medal" shall be awarded in December 1904, and Essays for the Medal must reach the Registrar not later than the 1st of October, 1904.

The offer was thankfully accepted by the Syndicate at their meeting held on the 29th August, 1903.

Subject for 1917	... The effect of War in Europe on the economic conditions of India.
Subject for 1918	... The Cottage Industries of Bengal,
Subject for 1919	... Economics of Leather Industry in Bengal.
Subject for 1920	... { 1. Housing Problems in Calcutta 2. Care of child life as a Factor of Social Reform in Bengal.
Subject for 1921	... Economic Aspect of Rural Self-Government.

MEDALLISTS.

1905 Ray, Satishchandra, M.A.

1910 Ghosh, Debendranath, B.A., F.S.S.

SREEGOPAL BASUMALLIK FELLOWSHIP.

The following scheme for the Fellowship was adopted by the Syndicate and the Trustees of the donor:—

1. In the first instance, a Fellow shall be appointed for a term of three years, whose duty it shall be—

a) to give tutorial assistance to students of Sanskrit generally and students of Vedanta Philosophy in particular;

(b) to deliver a course of lectures on Vedanta Philosophy;

(c) to carry on research in Vedanta Philosophy with a view to enable him to discharge his duties under heads (a) and (b) satisfactorily.

2. With a view to give effect to the object mentioned in 1 (a), the Fellow shall hold classes not less than three times a week during at least thirty-six weeks in the year. To such class only such students will be admitted as may have satisfied the Fellow either by submitting to a test to be imposed by him or otherwise that they are qualified by previous training and attainments to profit by his teaching. The name of any student may be removed by reason of irregularity in attendance. The course of tutorial instruction shall include not only the Vedanta Philosophy but also such preliminary branches of study as may be determined by the Fellow from time to time in consultation with the Syndicate. Twelve of those students will be entitled to a monthly stipend of Rs. 10 (rupees ten) to be paid during good conduct and upon satisfactory progress made in their studies. An annual examination shall be held upon the result of which the best student will be awarded a gold medal of the value of one hundred rupees and also a prize of Rs. 500. The annual examination shall be open to graduates and to holders of certificates at the Sanskrit Title examination of such standing as the Syndicate may approve.

3. With a view to give effect to the object mentioned in 1 (b), the Fellow shall annually deliver a course of public lectures on Hindu Philosophy in general and Vedanta Philosophy in particular. These lectures must not be less than twelve in number to be delivered not more than once a week. The substance of these lectures, as also the result of any original research or investigation made by the Fellow under 1 (c) above shall be published in a volume at the close of every year.

4. The remuneration of the Fellow shall be as follows:—

(a) A stipend of Rs. 125 a month.

(b) A lump sum payment of Rs. 1,400 at the end of the year, out of which the expenses of printing 500 copies of the lectures, shall be met, 400 of which shall be placed at the disposal of the University and 100 at the disposal of the founder's representative for free distribution.

5. The Fellow must submit a quarterly report to the Syndicate as to the manner in which he has been discharging his duties.

6. The mode of election shall be as follows:—

Persons who have made a special study of the subject shall be invited by notices and advertisements in the newspapers to send in their names together with a synopsis of the proposed lectures to the Syndicate who shall select at least three persons out of the applicants and send their names to the Trustees, who shall within one week thereafter notify their choice, which will be accepted by the Syndicate.

TERMS OF SETTLEMENT AS DECREED BY THE HIGH COURT OF JUDICATURE AT FORT WILLIAM IN BENGAL ON THE 29TH OF JULY, 1920.

Scheme of 1906 stands as modified below:—

1. It is to be for a period of three years only from 1st July, 1920. To be renewed thereafter on such terms as may be mutually agreed upon six months before expiration of the period either party may move the other for such removal.

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2. Trustees to pay minimum sum of Rs. 3,000 a year for three years. If balance exceeds that amount, such balance to be paid up to Rs. 5,000.

3. Durgacharan Sankhya-Vedanta-tirtha to be appointed for three years from the 1st August, 1920, on a salary of Rs. 1,700 a year which is to cover the expenses of the publication of his lectures. He will be at liberty to publish his lectures in one or three volumes yearly or at the end of the period.

4. The University will use part of the money so paid as monthly stipends for 10 students at the rate of Rs. 10 a month and will also provide a gold medal for Rs. 100.

5. In the event of the University receiving more than Rs. 3,000 and up to Rs. 5,000, the excess to be applied for additional stipends to 5 more students at the same monthly rate, in the 1st instance, and then apply any further balance for publication of the lectures which is also to be paid to the fellow, prizes and such other purposes, in connection with the Trust as the Trustee and the University may agree upon.

6. In the event of the Fellow vacating by death or resignation or otherwise before the 1st August, 1922, another Fellow is to be appointed for the unexpired period according to the original scheme for appointment.

7. If the vacancy occurs in the third year, the money for such Fellowship will be paid to the University but no appointment will be made until a new scheme be framed which is to be done as expeditiously as possible.

8. The sum of Rs. 1,461 balance in the hands of the University, the Trustees agree to be treated as having been properly spent as payment to Pundit Durgacharan for his past services.

9. The University will account for unexpended balance at the termination of the three years to the Trustees and such balance will be spent as agreed upon by the Trustees and the University for advancing the same objects and purposes during the next period of three years.

10. The selection of a Fellow as in the scheme of 1906.

11. Suit withdrawn on the above terms.

12. Each party to pay his own costs on scale No. 2, liberty to tax costs as between attorney and client on scale No. 2.

13. The Trustees would allow inspection of the books of account of the Trust properties to the authorised agent or agents of the University for the purpose of giving facilities to the University to ascertain the amount of the surplus income available to the University upon reasonable notice.

Fellows.

1897 Mahamahopadhyay Chandrakanta Tarkalankar.

1899 Mahamahopadhyay Chandrakanta Tarkalankar.

1901 Mahamahopadhyay Chandrakanta Tarkalankar.

1907 Pande Ramavatar Sarma, Sahityacharyya, M.A.

1918-23 Pandit Durgacharan Sankhya-Vedantatirtha.

MOKSHADA SUNDARI GOLD MEDAL & NALINI SUNDARI GOLD MEDAL.

Babu Onauthnauth Deb made over to the University 4 per cent. Port Trust Debentures of nominal value of Rs. 5,000 for the purpose of creating out of the interest of the sum, two Gold Medals to be called the "Mokshada Sundari Gold Medal" and the "Nalini Sundari Gold Medal" respectively, to be awarded annually.

The Syndicate adopted the following rules for award of the medals:—

1. Out of the interest of the sum of Rs. 5,000 placed at the disposal of the University by Babu Onauthnauth Deb, two Gold Medals, to be called the "Mokshada Sundari Gold Medal" and the "Nalini Sundari Gold Medal" respectively, shall be annually awarded by the University. The Medal shall be presented to the recipients at the annual Convocation of the Senate.

2. The "Mokshada Sundari Medal" shall be awarded for the best essay written in Bengali by a Lady Graduate of this University on a historical or biographical subject to be prescribed by the Syndicate on the recommendation of the Board of Studies in Sanskrit Languages, at least one year in advance of the date when the medal is to be awarded.

3. The "Nalini Sundari Medal" shall be awarded for the best poem in Bengali by a Lady Graduate of the University on a subject to be prescribed by the Syndicate on the recommendation of the Board of Studies in Sanskrit Languages, at least one year in advance of the date when the medal is to be awarded.

4. Not later than the month of April of the year preceding the year in which the above-named medals are to be awarded, the Board of Studies in Sanskrit Languages shall elect and recommend to the Syndicate a historical or biographical subject for the Essays to be submitted in competition for the "Mokshada Sundari Medal" and also a subject for poems to be submitted in competition for the "Nalini Sundari Medal". The subjects so selected, when approved by the Syndicate shall be notified in the *Gazette*.

5. Every candidate for each of the two aforesaid medals shall be required to submit not later than the 30th November in any year, an essay or poem, as the case may be, on the subject selected for the medal for that year to the Registrar under a distinguishing motto. The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside.

6. Honorary Examiners shall be appointed by the Syndicate to adjudicate upon the merits of the essays and the Poems submitted by the candidates. In adjudging the essays submitted, preference shall be given to the one which indicates research or investigation by the author. The Essay and the poem of the two successful candidates shall be published by the University.

7. The names of the Medallists shall be published in the *Gazette* as well as in the University Calendar.

8. If in any year no essay or poem is submitted, or the essays or poems sent in are adjudged by the Examiners to be not worthy of a medal, a second medal or a medal in a second subject shall be awarded in a subsequent year as the Syndicate may direct.

9. Notwithstanding anything to the contrary in Rule 3, the subjects for the aforesaid medals for 1912 and 1913 were determined and announced earlier.

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MOKSHADA SUNDARI GOLD MEDAL.

Subject for 1918	... Victoria the Good.
" 1919	... Bharate British Sammranya Sangsthaner Itihas.
" 1920	... Sivaji.
" 1921	... Padmini.

NALINI SUNDARI GOLD MEDAL.

Subject for 1918	... Indraprastha.
" 1919	... Baranasi.
" 1920	... Bhagirathi.
" 1921	... Himalaya.

MEDALLIST.

1912 Miss Jyotirmayi Ganguli	... (Mokshada Sundari and Nalini Sundari Medallist.)
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ONAUTHNAUTH DEB PRIZE FOR THE PROMOTION OF RESEARCH IN LAW.

Babu Onauthnauth Deb made over to the University 4 per cent. Port Trust Debentures of the nominal value of Rs. 25,000 for the institution of an annual Prize consisting of a Gold medal worth Rs. 250 and Rs. 750 in cash to be called Onauthnauth Deb Research Prize to be awarded by the University for the promotion of Research in Law.

The Syndicate on the recommendation of the Faculty of Law adopted the following rules for the award of the prize:—

1. An annual prize consisting of a Gold Medal worth Rs. 250 and Rs. 750 in cash, to be called the "Onauthnauth Deb Research Prize" shall be awarded by the University for the promotion of Research in Law. The medal shall be presented to the recipient at the Annual Convocation.

2. The competition for the Prize shall be open to all persons who have, at any time, been admitted to a Degree in the University of Calcutta.

3. A subject for research in any branch of Jurisprudence or Law shall be annually selected by the Faculty of Law in the first week of December at least two years in advance of the date when the Prize is to be awarded. The subject so selected when approved by the Syndicate, shall be notified in the *Gazette* for general information.

4. Each candidate for the Prize shall be required to submit not later than the 30th November in any year a thesis or record of original work in the subject selected for the prize of that year and to send three type-written or printed copies of his thesis or record of work to the Registrar under a distinguishing motto. The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside.

Explanation.—The thesis for the Prize in any year must be submitted not later than the 30th November of the preceding year.

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5. Every candidate shall further be required to indicate generally in preface to his thesis and specially in notes, the sources from which his information is taken, the extent to which he availed himself of the work of others and the portions of the thesis which he claims as original. He shall also be required to state whether his research has been conducted independently, under advice, or in collaboration with others, and in what respects his investigations appear to him to tend to the advancement of knowledge.

6. A Board of Honorary Examiners, consisting of three experts, shall be appointed by the Syndicate on the recommendation of the Faculty of Law to adjudicate upon the merits of the thesis or records of original work submitted by the candidates. The award of the Board of Examiners shall be subject to the eventual confirmation of the Senate and the thesis of the successful candidate shall be published by the University.

7. The name of the Prize Winner and the subject of his thesis shall be published in the *Gazette* and shall also be printed in the University Calendar.

8. If, in any year, no thesis is received or the theses submitted are pronounced by the Board of Examiners not to be of sufficient merit to deserve the prizes a second prize or a prize in a second subject shall be awarded in a subsequent year as the Syndicate may direct.

9. Notwithstanding anything to the contrary in Rule 3, the subjects for 1912 and 1913 shall be determined and announced as early as practicable.

SUBJECT FOR 1921

Scope and purpose of Sociological Jurisprudence.

SUBJECT FOR 1922

Law of the Air, International and Municipal

Prize-winners.

1912	
NAME	SUBJECT
Mukerjee, Radharaman, B.L.	... The origin and growth of the right of Occupancy in agricultural land and the Incidents thereof.
1917	
Ghosh, Praphullachandra, B.L.	... Effects of War on contracts
1918	
Gupta, Atulchandra, M.A., B.L.	... The Law of Trading with the Enemy
1919	
Ghosh, Prabodhchandra, M.A., B.L.	... Legal aspect of Strikes and the cause, efficacy and justification of Legislation to prevent them.
1920	
Banerjee, Pramathanath, M.A., B.L.	... International Law in Ancient India

JOGENDRACHANDRA GHOSE'S RESEARCH PRIZE IN COMPARATIVE INDIAN LAW.

In January, 1902, the late Babu Jogendrachandra Ghose, Member of the Senate, offered to place at the disposal of the Calcutta University, Government Securities of the nominal value of Rs. 10,000^a of the loan of 1865 for the encouragement of the study of Comparative Indian Law, by persons belonging to what is called the *Adhyapak* class in Bengal, and for the purpose of establishing, out of the annual income of the fund, a prize to be awarded to the writer of the best Essay on the subject under the following conditions :—

(i) By Comparative Indian Law shall be meant the Hindu Smriti Sastra, called "*Vyabakarhanda*" and a comparison of the standard Sanskrit authorities on the subject with British Indian Law as contained in Parliamentary Statutes, Regulations and Acts of the Indian Legislative Councils, and the Law as laid down in Leading Cases. The study, which it shall be the object of the prize to encourage, is the History of the Hindu Smriti Sastra as it existed at and from the time when India came under British rule and how and to what extent it has been altered under British influence, regard being had not only to the existing Statutes, Regulations and Acts but also to those which, having been in operation for a time, have now been repealed or become obsolete and regard being also had not only to the existing Leading Cases but to cases which were considered Leading at one time, but have now been overruled, and how and to what extent such alteration has affected Hindu Society.

(ii) The Essay, at the discretion of a Committee consisting of the Vice-Chancellor for the time being of the University, the President of the Faculty of Law and the Principal of the Government Sanskrit College in Calcutta may deal with the whole of the Indian Comparative Law as before defined or with part or parts thereof; but in no case shall an essay be entitled to competition which in any way attacks the religious beliefs, usages or institutions of His Majesty's subjects. And it shall be in the province and discretion of the said Committee (a) to make a detailed programme of studies for the proposed prize, (b) to name the subject of the essay for any one particular year; and (c) to decide whether such prize shall be awarded every year or at longer intervals.

(iii) By *Adhyapak* shall be meant scholars of the Smriti Sastra, students of Smriti in the Government Sanskrit College in Calcutta, and in the *Tols* of indigenous Brahmanical schools which send in candidates for the Title Examination held in that College and students in other similar institution in India.

(iv) Every candidate for the Prize shall be required to indicate generally in a preface to his thesis and specially in notes, the sources from which his information is taken, the extent to which he has availed himself of the work of others and the portion of the thesis which he claims as original. He shall further be required to state whether his research has been conducted independently, under advice or in co-operation with others, and in what respects his investigations appear to him to tend to the advancement of knowledge.

(v) Successful candidates shall be required to publish their essays, and, if necessary, they shall receive help from the University for the purpose.

(vi) The essay or essays shall be written either in English or in Bengali, but if any competitor sends in an essay in any vernacular language other than Bengali he shall be bound to furnish English translation thereof.

(vii) The adjudicators for the prize shall be the Vice-Chancellor of the University, the Chief Justice of Bengal, the President of the Faculty of Law,

and the Principal of the Sanskrit College in Calcutta. They shall be entitled to consult experts of their own selection to assist them (a) to decide whether the essay or essays in competition is or are of sufficient merit to deserve the prize; (b) to award such prize; (c) to decide about the number of manuscript copies of each essay to be sent in by the successful competitors; and (d) to consider the ways and means of the publication of any essay or essays.

(viii) The Prize shall be called the "Research Prize in Comparative Indian Law."

The offer was thankfully accepted by the Syndicate at their meeting held on the 8th February 1902.

Subject for 1916

... Does the estate of a Hindu woman, who has lapsed into prostitution, pass, on her death, by inheritance to her undegraded relations by blood or by marriage.

PRIZE-WINNERS.

NAMES	1906.	SUBJECTS.
Pandit Rajendranath Vidyabhusan	...	The Theory of Adoption
Pandit Durvasula Srinam Sastri	...	Ditto.
1909		
M. Subramanian	...	Legal consequences of unchastity in Hindu Law

COATES MEMORIAL PRIZE.

On the 29th May, 1889, the Honorary Secretary, Coates Memorial Fund made over to the University the sum of Rs. 2,270-5-0 for the purpose of creating an endowment for the award of prize for Original Research in Medicine.

The following revised Rules for the award of the Coates Memorial Prize were adopted by the Syndicate at their meeting, held on the 8th March, 1912:—

- (1) The Coates Memorial Prize shall be annually awarded by the Syndicate on the recommendation of the President of the Faculty of Medicine for the time being.
- (2) An annual notification inviting applications from candidates who intend to compete for the prize shall be published by the Registrar in the *Calcutta Gazette* early in the year.
- (3) The prize shall be awarded to the best writer of a thesis on any indigenous drug or drugs to be selected by the competitor himself, subject to the approval of the President of the Faculty of Medicine.
- (4) The names of the drugs so selected must be submitted to the Registrar for the approval of the President of the Faculty of Medicine within three months from the date of the annual notification of the prize in the *Calcutta Gazette*.

- (5) The names of the drugs, approved by the President of the Faculty of Medicine, shall, as soon as possible, be communicated to the candidates who submitted their applications within the time specified in Para. 4 of the Rules.
- (6) No prize shall be awarded for a thesis on any drug which has not been approved by the President of the Faculty of Medicine.
- (7) The thesis must be written in English, and it must be submitted to the Registrar not later than the 30th November of each year in a sealed cover with the words "Thesis for the Coates Memorial Prize" and the name of the writer distinctly stated on it.
- (8) The President of the Faculty of Medicine may examine the thesis himself or delegate it to some expert member or members of the faculty, whose decision shall be final.
- (9) The writer of the thesis must be a graduate in Medicine of the Calcutta University who has been engaged in the practice of the profession for at least five years.
- (10) The names of the prize winners shall be published in the Gazette and shall also be printed in the University Calendar.

Out of the above sum made over by the Honorary Secretary Rs. 2,000 have been invested in $3\frac{1}{2}$ per cent. Government Promissory Notes

PRIZE-WINNERS.

- 1901 Rai Chunilal Basu, Bahadur, M.B., F.C.S.
 1908 Mr. Lahmohan Ghoshal, L.M.S.
 1911 Rai Harinath Ghosh, Bahadur, M.D.

MAHARAJA OF DURBHANGA SCHOLARSHIP.

On the 29th of August, 1906, Honorary Secretary to the Maharaja of Durbhanga Memorial Fund made over to the University a sum of Rs. 9,279-12-2 for the purpose of creating an endowment for the award of a Scholarship to be called the "Maharaja of Durbhanga Scholarship" for the furtherance of medical studies.

The offer was thankfully accepted by the Syndicate at the meeting held on the 15th September, 1906.

The following rules for the award of the Scholarship have been adopted by the Syndicate:-

1. That the scholarship shall be called the "Durbhanga Research Scholarship," and that it shall be awarded for the purpose of encouraging original research in Medicine in its various branches.
2. That all Graduates and Licentiates in Medicine of the Calcutta University shall be eligible to compete for the scholarship.
3. That the value of the scholarship shall be Rs. 50 a month; that it shall be awarded every alternate year and that it shall be tenable for one year only from July to June.

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4. That the scholarship shall be awarded under the following conditions : -
- (a) That the scholar shall be appointed by the Syndicate on the recommendation of the Faculty of Medicine.
 - (b) That the scholar shall be required to devote at least 4 (four) hours a day, Sundays and Holidays excepted, during the tenure of his scholarship, to research work in any special branch of Medical Science to be previously selected by him and approved by the Board of Studies in Medicine and that his work shall be open to inspection by a member of the Faculty of Medicine to be specially deputed by the Faculty in that behalf.
 - (c) That the applications for the scholarship shall be invited by the Registrar in the month of January of the year in which the scholarship is to be awarded and that such applications must reach the University office not later than the 30th of April next following. Every candidate must state in his application the special subject or branch of Medical Science in which he proposes to carry on investigation or research work, and must also state in what respects his investigations appear to him to tend to the advancement of Medical studies. He shall also state in his application the place where he intends to carry on his research work. If in a recognised Laboratory or Hospital, a recommendation from the Head of such Laboratory or Hospital as to the fitness of the candidate to conduct such work and the probable value of such work, must accompany the application. If the candidate intends to carry on his investigations privately, his application must be supported by a certificate to the above effect from a member of the Faculty of Medicine.
 - (d) That during the tenure of his scholarship, every Research scholar shall be required to submit short quarterly reports of his work to the member of the Faculty of Medicine who may be deputed to inspect his work and upon whose favourable report the continuance of his scholarship shall depend.
 - (e) Each scholar shall, at the end of his tenure of scholarship submit a complete statement, typewritten or otherwise ready for publication which shall be laid before the Faculty of Medicine who shall, if publication be deemed advisable, decide all questions in connection therewith.

SCHOLARS.

- 1909 Brahmachari, Upendranath, M.A., M.D.
- 1911 Ghoshal, Lalmohan, L.M.S.
- 1919 Banerjee, Jyotirmay, M.B.

THE HON'BLE MAHARAJA SIR MANINDRA CHANDRA NANDI, K.C.I.E., OF COSSIMBAZAR'S INDIAN MATHEMATICS AND ASTRONOMY RESEARCH FUND.

The Hon'ble Sir Maharaja Manindra Chandra Nandi of Cossimbazar paid the first instalment of his promised donation of Rs. 20,000 (to be paid in five annual instalments of Rs. 4,000 each) for publishing the text and translations of

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works on ancient Indian Mathematics and Astronomy, so that Sanskrit works on these subjects may yet be rescued and made available to the learned world. Dr. G. Thibaut, C.I.E., Ph.D., D.Sc. who was appointed to prepare a scheme for giving effect to the above proposal died in October, 1914. Since then Mr. Phanindralal Ganguli, M.A., Asst. Professor of Antient Indian History and Culture and University lecturer has been entrusted with the work.

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SIR RASHBEHARY GHOSE SCHOLARSHIPS

Out of the income of Sir Rashbehary Ghose's Endowment, eight Student-ships, of the annual value of nine hundred rupees each are to be annually awarded by the Syndicate, on the recommendation of the Board of Management of Sir Rashbehari Ghose's Endowment, to distinguished graduates who have taken the degree of Master in Faculty of Arts or Science and who shall devote themselves exclusively to researches in their special subjects and shall not, so long as they hold the scholarship, engage in the study of Law or any other branch of professional knowledge. Two scholars are to be attached to each of the four Sir Rashbehary Ghose Professors, to carry on investigation under his guidance and generally to assist him in his work of original research.

SCHOLARS FOR 1920. —

Applied Mathematics.

Dsgupta, Sukumarrajan, M.A.

Physics.

Datta, Abanibhushan, M.A.
Ghosh, Satyendrakumar, M.Sc.

Chemistry.

Gupta, Lilananda, M.Sc.
Mitra, Panchkari, M.Sc.

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SIR TARAKNATH PALIT RESEARCH SCHOLARSHIPS

In accordance with Section VII of the conditions stated in the first Trust Deed of Sir Taraknath Palit, scholarships are awarded by the Syndicate, on the recommendation of the Governing Body of the College of Science, on such advanced students for the degree of Master of Science or Doctor of Science, as may receive training or carry on research work under the Palit Professors.

On the recommendation of the Governing Body of the College of Science the Syndicate awarded Research Scholarships to each of the following students.—

Physics.

Ray, Bidhubhushan, M.Sc.
Datta, Govardhanlal, M.A.
J. C. Kameswar Rao, M.Sc.

Chemistry

Kumar, Kalikumar, M.Sc.
Ray, Jnanendranath,

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RAMTANU LAHIRI RESEARCH FELLOWSHIP.

In August, 1908 Mr. S. K. Lahiri placed at the disposal of the University the copyright of his publication known as "Select Poems" and expressed a desire that part of the income from the sale proceeds of the publication might be applied to the award of two annual gold medals to the two best graduates, one male and one female, in Mental and Moral Philosophy, at the B.A. Examination, in memory of his father, the late Babu Ramtanu Lahiri and his deceased mother Srimati Gangamati Devi. The offer was thankfully accepted by the Syndicate and since then a considerable balance accumulated to the credit of the Fund. The net annual income, after defraying the costs of publication of the book and the medals, also amounts on an average of Rs. 5,000. In these circumstances the Syndicate, at the suggestion of the donor, and with the sanction of the Senate, have under Section 19, Chapter IV of the University Regulations, established a Research Fellowship in History of the Bengali Language and Literature, to be maintained out of the income of the above Fund, supplemented by grant from the Fee-fund of the University and have named the Fellowship after the late Babu Ramtanu Lahiri, the father of the donor. They have also appointed Rai Sahib Dineschandra Sen, B.A., as the first Ramtanu Lahiri Research Fellow, for a term of five years on a salary of Rs. 250 a month. The duties of the Fellow have been defined as follows:—

- (1) To devote himself to the investigation of the History of Bengali Language and Literature from the earliest times.
- (2) To deliver annually a course of twelve public lectures embodying the results of his investigation, the lectures to be published by the University.
- (3) To submit to the Syndicate every six months, a report of the progress of work done by him during the preceding six months. The fellowship to be suspended if, on the report of a competent authority, the work done, be not found to be satisfactory or up to the standard expected.

FELLOWS

1913-18 Rai Sahib Dineschandra Sen, B.A.
1918-23 Rai Sahib Dineschandra Sen, B.A.

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IBRAHIM SOLAIMAN SALEHJEE MEMORIAL FUND.

Messrs. Ismail Ibrahim Salehjee and Hashim Ismail Salehjee offered to place at the disposal of the University a sum of Rs. 5,000 annually, at first for a term of five years, for the creation of an endowment for the promotion of study and research in Muhomedan Law by the publication of texts and translations.

The offer was thankfully accepted by the Senate at their meeting held on the 8th July, 1916, and the first instalment which was duly paid has been deposited in the Bank of Bengal.

UPENDRANATH MITRA SCHOLARSHIP.

The late Mr. Roby Dutt, lecturer of the Calcutta University, bequeathed by his will to the University a legacy of Rs. 10,000 (ten thousand) for the creation of an endowment for the award of a Post-Graduate Scholarship in English Literature in memory of his maternal grand-father the late Babu Upendranath Mitra who was a Vakil of the High Court and an Honorary Fellow of the Calcutta University.

The Syndicate at its meeting of the 26th July, 1918, thankfully accepted the legacy.

The following rules have been framed for the award of the Scholarship:—

(1) That the award be made annually on the result of the M. A. Examination in English

(2) That the Scholarship be awarded to the Student who, after regular training for the full period in the Post Graduate Department in English, distinguishes himself most at the M. A. Examination in English with a thesis.

(3) That the Scholarship be awarded on the condition that the Scholar shall carry on further study and research under the guidance of a University Teacher in English, with a view to qualify himself for a higher examination, such as that for the Premchand Roychand Studentship or the Degree of Doctor of Philosophy, or to compete for a Research Prize, such as the Griffith Prize or the Jubilee Research Prize. The continuance of the Scholarship will depend upon the production of a quarterly certificate of satisfactory progress in studies from the University Teacher concerned; and the scholar shall, at the end of his term, submit a full statement of his work.

(4) That, until further orders, the Scholarship be of the value of Rs. 50 a month and tenable for two years and that a sum of Rs. 600 be annually contributed from the general fund of the University to the Endowment Fund, so that the scheme may be effectively carried out.

(5) That the names of the scholars be published in the Gazette and in the University Calendar.

SCHOLAR.

1919. Mukhopadhyay, Ramapada ... University Student (Presidency College)

ANANDARAM BAROOAH GOLD MEDAL.

The Assam Students' Conference placed at the disposal of the University through the Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., Government Security for Rs. 1,100 for the creation of an endowment for the award of a gold medal every alternate year, on the following conditions:—

(1) That a gold medal to be called the "Anandaram Barooah Medal" be instituted in memory of the late Mr. Anandaram Barooah, B.A., I.C.S., who was a brilliant Graduate of this University from Assam and subsequently enhanced its reputation by his original contributions in various departments of Sanskrit Learning.

(2) That the medal be open for competition amongst all persons who have at any time been admitted to a Degree in this University and be awarded every alternate year.

(3) That the medal be adjudged to the author of the best thesis or record of original work on a prescribed subject relating to Sanskrit Learning.

(4) That the subject be selected not less than two years in advance by the Board of Higher Studies in Sanskrit. The name of the subject selected to be notified in the Gazette and published in the University Calendar for general information.

(5) That each candidate for the medal be required to submit not later than the 30th June in the year in which the medal is to be awarded three typewritten or printed copies of his thesis or record of work to the Secretary to the Council of Post-Graduate Teaching in Arts under a distinguishing motto. The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside.

(6) That every candidate be required to indicate generally in a preface to his thesis and specially in notes the sources from which his information is taken, the extent to which he had availed himself of the work of others and the portions of the thesis which he claims as original; and that he be also required to state whether his research has been conducted independently, under advice or in collaboration with others and in what respect his investigations appear to him to tend to the advancement of knowledge.

(7) That a Board of Honorary Examiners consisting of three experts shall be appointed by the Council of Post-Graduate Teaching in Arts on the recommendation of the Board of Higher Studies in Sanskrit to adjudicate upon the merits of theses or records of original work submitted by the candidates. The award of the Board of Examiners shall be subject to the eventual confirmation of the Council and the thesis of the successful candidate shall be published by the University.

(8) That the name of each medalist and the subject of his thesis shall be published in the Gazette and shall also be printed in the University Calendar.

(9) That if in any year no thesis is received or the theses submitted are pronounced by the Board of Examiners not to be of sufficient merit to deserve the medal, a second medal or a medal in a second subject may be awarded in a subsequent year as the Council may on the report of the Board of Higher Studies in Sanskrit direct.

The offer was thankfully accepted by the Syndicate at its meeting on the 13th September, 1918.

Subject for 1920

Bhasá—His date, the works attributed to him and the Society depicted in his writing.

MRINALINI MEDAL

Mr. Adharchandra Mookerjee, M.A., B.L., placed in the hands of the Hon'ble Sir Asutosh Mookerjee, Kt., C. S. I., President of the Councils of Post Graduate Teaching in Arts and Science, G. P. Notes amounting to Rs. 2,500 for the promotion of Post Graduate Teaching in this University on the following conditions—

1. That a gold medal be instituted to be named "Mrinalini Medal" after the donor's second daughter.

2. That the medal be annually awarded to the author of the best thesis embodying the result of original research or investigation in a topic connected with Ancient Indian History and Culture, the subject to be prescribed by the Board of Higher Studies in History at least one year in advance and the examination to be conducted according to rules framed by the Board from time to time in that behalf.

3. That the medal be open to competition among all graduates of the University of not more than 10 (ten) years' standing.

4. That the thesis of the successful candidates be published by the University.

5. That the medal be presented publicly to the recipient at the annual Convocation for conferring degrees and the name be published in the Gazette and in the University Calendar.

The Senate at its meeting of the 23rd November, 1918, accepted the offer with thanks.

The following rules framed by the Higher Board of Studies in History have been adopted —

(i) As a general rule, the subject for the Medal be announced two years in advance.

(ii) Each candidate shall be required to submit, not later than the 31st October in the year for which the award is to be made, a thesis or record of original work in the subject elected for the year, and to send three typewritten or printed copies of his thesis or record of work, to the Secretary to the Post-Graduate Council in Arts,* under a distinguishing motto. The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside.

(iii) Each candidate shall further be required to indicate generally in a preface to his thesis and specially in notes, the sources from which his information is taken, the extent to which he has availed himself of the work of others and the portions of the thesis which he claims as original. He shall also be required to state whether his research has been conducted independently, under advice, or in collaboration with others, and in what respects his investigations appear to him to tend to the advancement of knowledge.

(iv) A Board of Honorary Examiners consisting of not more than three experts shall be appointed by the Executive Committee on the recommendation of the Board of Higher Studies in History, to adjudicate upon the merits of the thesis or records of original work submitted by the candidates. The award of the Board of Examiners shall be subject to confirmation by the Executive Committee and the Council of Post-Graduate Teaching in Arts.

Subject for 1919.

Bengal under Sena Rule.

*Subject for 1920.

International or Inter-State Law in Ancient India.

MAHENDRANATH RAY PRIZE AND MEDAL.

With a view to promote research by the graduates of the University in the domain of Indian Sociology, Economics and Politics, Mr Satischandra Ray, M.A., Member of the Senate and University Lecturer in Economics placed in the

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hands of the Hon'ble Sir Asutosh Mookerjee, Kt., C. S. I., President of the Council of Post Graduate Teaching in Arts, one hundred shares in Calcutta Tramways Company (face value five pounds each) to constitute a fund for the following purposes:—

(1) That a Research Prize and Gold Medal be instituted to be named "Mahendranath Ray Prize and Medal" after the founder's father.

(2) That the Prize and Gold Medal be awarded once in every two years to the author of the best thesis embodying the result of original research or investigations in a topic connected with Indian Sociology, Economics and Politics.

(3) That the subject for the thesis be prescribed by the Board of Higher Studies in Economics at least two years in advance and the Examination be conducted according to rules framed by the Board from time to time in that behalf.

(4) That the Prize and Gold Medal be open to competition among all persons who have at any time been admitted to a degree in the University.

(5) That the thesis of the successful candidate be printed and published by the University, on such terms and conditions as may be arranged between the author and the University.

(6) That the Medal be presented publicly to the recipient at the Annual Convocation for conferring degrees, and the name of the author together with the title of the thesis be published in the University Calendar and Local Gazette.

(7) That the value of the Medal do not exceed Rs. 150 and that the balance of the income of the fund for two years be paid in cash to the successful candidate.

(8) That if any year no thesis received or the theses submitted are pronounced by the Board of Examiners not to be of sufficient merit, a second prize, or a prize in a second subject, or a prize of enhanced value, be awarded in a subsequent year or years as the Board of Higher Studies in Economics may determine.

The Senate accepted the gift with thanks.

The following rules framed by the Board of Higher Studies in Economics, have been adopted—

(i) Each candidate shall be required to submit, not later than the 31st October, in the year for which the award is to be made, a thesis or record of original work in the subject selected for the year, and to send three typewritten or printed copies of his thesis or record of work, to the Secretary to the Post-Graduate Council in Arts, under a distinguishing motto. The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside.

(ii) Each candidate shall further be required to indicate generally in a preface to his thesis and specially in notes, the sources from which his information is taken, the extent to which he has availed himself of the work of others, and the portions of the thesis which he claims as original. He shall also be required to state whether his research has been conducted independently, under advice, or in collaboration with others, and in what respects his investigations appear to him to tend to the advancement of knowledge.

(iii) A Board of Honorary Examiners consisting of not more than three experts shall be appointed by the Executive Committee on the recommendation of the Board of Higher Studies in Economics to adjudicate upon the merits of the theses or records of original work submitted by the candidates. The award of the Board of Examiners shall be subject to confirmation by the Executive Committee and the Council of Post-Graduate Teaching in Arts.

Subject for 1919.

(1) Growth and Movement of the population in Bengal since 1881 and their economic effects.

Subject for 1920

(2) Conditions of living of the Middle class people in Calcutta and their effects on the health and morals of the rising generation.

RANI RAMRAKSHI GOLD MEDALS.

Kumar Pramathanath Maliah of Searsole made over to the University Rs. 5,000 to be invested in 3½ per cent Government Security for the award of two Gold Medals each to be called "Rani Ramrakshi Gold Medal" to the authors of the best theses embodying the results of original research in a topic connected in the case of the first medal, with Hindu Philosophy and, in the case of the second medal, with Vedic studies.

The Subjects of the theses to be prescribed by the Board of Higher Studies in Sanskrit at least two years in advance and the Examination to be conducted according to the rules framed by the Board from time to time in that behalf. The theses to be composed in Bengali and the Medals to be open to competition among all persons who have been at any time admitted to a degree in this University. The theses of successful candidates are to be printed and published by the University. The Medals are to be presented to the recipients at the Annual Convocation for conferring degrees and the names of the Medallists to be published in the Calendar and in the Calcutta Gazette.

The offer was thankfully accepted by the Senate at its meeting of the 20th March, 1919.

The following rules for the examination of the theses for the Rani Ramrakshi Gold Medals were framed by the Board of Higher Studies in Sanskrit, dated the 1st February, 1919—

(i) Each candidate shall be required to submit not later than the 31st October in the year for which the award is to be made, a thesis or record of original work in the subject selected for the year, and to send three copies of his thesis or record of work to the Secretary to the Post Graduate Council in Arts, under a distinguishing motto. The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside.

(ii) Each candidate shall further be required to indicate generally in a preface to his thesis and specially in notes, the sources from which his information is taken the extent to which he has availed himself of the work of others and the portions of the thesis which he claims as original. He shall also be required to state whether his research has been conducted independently, under advice, or in collaboration with others, and in what respects his investigations appear to him to tend to the advancement of knowledge.

(iii) A board of Honorary Examiners consisting of not more than three experts shall be appointed by the Executive Committee to adjudicate upon the merits of the theses or records of original work submitted by the candidates. The award of the Board of Examiners shall be subject to confirmation by the Executive Committee and the Council of Post Graduate Teaching in Arts.

Subjects for 1919.

For the First Medal	... The influence of Sankaracharya in the Religious cults of India.
For the Second Medal	... Arts and Industries in the Vedic Age.

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Subjects for 1920.

For the First Medal	... The Doctrine of Karma.
For the Second Medal	... Aryan Manners and Morals as disclosed in the Vedas.

22

NAGENDRANANDINI DE MEDAL.

Mr. B. De, I.C.S. (Retired) and his married daughters in memory of late Mrs. De made over to the University, G. P. Notes for creating an endowment for the annual award of a gold medal of the value of about Rs. 40 on the following conditions :—

- (1) That the medal will be called " the Nagendranandini De Medal."
- (2) That it will be given for the best essay in English or Bengali on some aspect or branch of the subject " Grihineer Kartabya " [or the duties of a house-mother.
- (3) That it will be open to competition to all graduate and undergraduate female students of this University

The Syndicate at their meeting held on the 5th September, 1919, accepted the offer with thanks.

23

KHUJASTA AKHTAR BANU SUHRAWARDY GOLD MEDAL.

The Hon'ble Dr. Abdulla-al-Mamun Suhrawardy made over to the University, War Bond (1928) for Rs 1,000 for the award of a medal to be called " Khujasta Akhtar Banu Suhrawardy Gold Medal " after the doner's sister on the following conditions :—

- (1) That the medal be awarded once in every two years to the author of the best thesis embodying the result of original research or investigation in a topic relating to the reciprocal influence of Hindu and Moslem cultures and civilisations.
- (2) That the subject for the thesis be prescribed at least two years in advance, by a Committee of five members appointed by the Executive Committee of the Council of Post Graduate Teaching in Arts
- (3) That the medal be open to competition among all persons who have at any time been admitted to a Degree in this University.
- (4) That the theses be composed in English or in an Indian Vernacular.
- (5) That the Examination be conducted according to rules framed by the Executive Committee in that behalf from time to time
- (6) That the theses of successful candidates be published by the University.
- (7) That the medals be presented publicly to the recipients at the Annual Convocation for conferring degrees and their names together with the titles of the theses be published in the University Calender and in the local gazette.

The offer was thankfully accepted by the Senate at its meeting of the 29th March, 1919.

The following rules for the award of the medal were framed by the Executive Committee of the Council of Post Graduate Teaching in Arts at their meeting held on the 17th January, 1919.

- (i) Each candidate shall be required to submit, not later than the 31st October in the year for which the award is to be made, a theses or record of original work in the subject selected for the year, and to send three type-written or printed copies of his thesis or record of work, to the Secretary to the Post Graduate Council in Arts, under a distinguishing motto. The name of the candidate must also be forwarded at the same time in a sealed envelope, with the motto outside.

(ii) Each candidate shall further be required to indicate generally in a preface to his thesis and specially in notes, the sources from which his information is taken, the extent to which he has availed himself of the work of others and the portions of the thesis which he claims as original. He shall also be required to state whether his research has been conducted independently, under advice, or in collaboration with others, and in what respects his investigations appear to him to tend to the advancement of knowledge.

(iii) A Board of Honorary Examiners consisting of not more than three experts shall be appointed by the Executive Committee to adjudicate upon the merits of the theses or records of original work submitted by the candidates. The award of the Board of Examiners shall be subject to confirmation by the Executive Committee and the Council of Post Graduate Teaching in Arts.

MEDALLISTS.

1919.

The Hon'ble Dr. A. Suhrawardy
M.A., Ph.D.
Bandyopadhyay, Mr. Pramathanath
M.A., B.L.

The story of Nala as narrated by
Vyasa and Faizi—a comparison
and a contrast.

Subject for 1921.

Bibliography of Authors, Hindu and Moslem, whose writings exhibit the reciprocal influence of Moslem and Hindu Culture and Civilisation.

24

SIR ASUTOSH MOOKERJEE MEDAL.

On the occasion of the appointment of the Hon'ble Sir Asutosh Mookerjee Kt. C. S. I., as Acting Chief Justice of Bengal, Babu Keshoram Poddar, President, Marwari Association, made over to the University a sum of Rs. 5,000 to be utilised in accordance with a scheme to be drawn up by the Hon'ble Sir Asutosh Mookerjee. The money has been invested in $3\frac{1}{2}$ per cent. Govt. securities for Rs. 8,600 and the following scheme has been drawn by the Hon'ble Sir Asutosh Mookerjee.

(1) That the income of the fund be applied for the encouragement of original research in Letters and Science.

(2) That a Gold Medal of the value of Rs. 300, to be called '*Sir Asutosh Mookerjee Medal*,' be struck annually from a die specially prepared for the purpose and be awarded to the author of the best original thesis on Letters or Science, alternately.

(3) That the medal be open to competition among all persons who have at any time been admitted to a degree in this University.

(4) That candidates for the prize be required to submit their theses to the Registrar on or before the 31st December of the year for which the medal is to be awarded, under a distinguishing motto, the name of the candidate to be forwarded at the same time in a sealed envelope with the motto outside.

(5) That a Board of Honorary Examiners be appointed by the Syndicate on the recommendation of the Executive Committee of the Council of Post-Graduate Teaching in Arts or Science as the case may be.

(6) That if in any year no medal is awarded by reason of no thesis being received or no candidate having shown sufficient merit, the income of that year be utilised in awarding a second medal in the next or any subsequent year.

(7) That the medal for 1920 be awarded for original work in the department of Letters.

The gift was accepted with thanks and the scheme was approved by the Syndicate at their meeting held on the 23rd April, 1920.

X

Endowment for Scholarships, Prizes and Medals on the results of the University Examinations.

I

JUBILEE POST-GRADUATE SCHOLARSHIPS.

The following scheme for the institution of scholarships for post-graduate study or research in Literary or Scientific subjects framed under Section 18, Chapter IV, of the new Regulations, has been adopted by the Senate :—

1. For the encouragement of post-graduate study in accordance with the new Regulations in the Faculties of Arts and Science, twelve University Scholarships shall be established.

2. Each scholarship shall be of the value of Rs. 32 per month, and shall be tenable for a term of two years.

3. The scholarships shall be awarded annually upon the results of the B.A. and B.Sc. Examinations.

4. One scholarship shall ordinarily be awarded to each candidate whose name stands first in the Honours list in each of the subjects for the B.A. and B.Sc. Examinations, provided that—

- (i) he has obtained first class Honours in that subject,
- (ii) he does not accept any other University Scholarship, or any Government or College Scholarship, and
- (iii) he undertakes to prosecute a regular course of study for the degree of Master of Arts or Science either under one or more University Lecturers or in a College duly affiliated, for the Examination in the subject which he takes up.

5. If a candidate in any subject is disqualified under provisos (ii) and (iii) of Rule (4), the scholarship in that subject shall be awarded to the next candidate in the first class who may be duly qualified, provided that all the other candidates who stand first in the first class in any subject and are qualified for a scholarship, have received the same.

6. If any year the number of candidates qualified for a scholarship under the preceding rules exceeds the number of scholarships available, the Syndicate may, with the sanction of the Senate, award additional scholarships.

7. A candidate who obtains Honours at the B.Sc., Examination under the old Regulations will be deemed to have obtained first class Honours in a subject within the meaning of Rule (4) provided he has obtained a first class in subject (II) or in any two subjects taken together from among subjects III to IX, Sections 6 and 7, of the B.Sc. Regulations (Calendar for 1906, p. 58.)

8. As a condition of the continuance of the scholarship, each scholar must produce at the end of every three months from the University Lecturer whose classes he is attending or from the Principal of his College, certificates of good conduct, diligence and satisfactory progress in his studies.

9. The first award of the scholarships was made upon the results of the B.A. and B.Sc. Examinations, 1905.

SCHOLARS.

1919

Majumdar, Jatindramohan	...	Presidency College.
Sarkar, Panchkari	...	Ditto.
Sen, Ajitkumar	...	Ditto
Bandyopadhyay, Satyendramohan	...	Ditto
" Saurindramohan	...	Ditto.
Dasgupta, Sudhansubimal	...	Ditto
Chattopadhyay, Charandas	...	Vidyasagar College.
Sanyal, Manindrakumar	...	Scottish Churches College
Chaudhuri, Abalakanta	...	Ditto
*Ahmad, Masihuddawlah	...	Chittagong College
Mohamed, Osman	...	Dacca College.
Ghatak, Jogeschandra	...	Jagannath College.

2

BIHARILAL BOSE MEMORIAL SCHOLARSHIP.

The late Babu Biharilal Bose, Vakil of the Calcutta High Court, bequeathed by his Will to the University a sum of Rs. 3,000 in 3½ per cent. Government Promissory Notes (reduced to 3 per cent) in order to found a scholarship of Rs. 3-8 a month tenable for two years, to be called the "Biharilal Bose Memorial Scholarship," to be awarded to the boy who passes the Matriculation Examination from the Konnagar English School, but fails to obtain a Government Scholarship. The scholarship is to be awarded to the boy in order of merit.

The Syndicate at their meeting held on the 11th July, 1896, thankfully accepted the donation.

SCHOLARS.

1917	Bandyopadhyay, Tulsicharan	...	...	Konnagar H. E. School
1918	Sengupta, Pannalal	...	...	Ditto
1919	Mitra, Dhirendrakrishna	...	...	Ditto

*For one year only after the expiry of which he died and the scholarship was awarded to Mohamed Osman for one year only.

3

CHANDMANI DEVI—PRANDHAN KALI MEDAL.

Babu Chandrasekhar Kali made over to the University Rs. 2,000 for the purpose of creating an endowment for the annual award of a gold medal to the successful candidate at the Matriculation Examination who obtains the highest number of marks in Bengali Composition, on condition that the medal be called the "Chandmani Devi-Prandhan Kali Medal" in memory of his parents. The offer was thankfully accepted by the Syndicate.

MEDALLISTS.

1917	Raydastidar, Nanadhirkrishna	...	Karimganj Govt. High School.
1918	Basu, Prabhatkiran	...	Scottish Churches Collegiate School
1919	Goswami, Radhakanta	...	St. Mary's School, Bhowanipur.

4

DUKE MEMORIAL SCHOLARSHIP.

In August, 1904, the Honorary Secretary to the Duke Memorial Fund, made over to the University a sum of Rs. 4,003-12 for the purpose of creating an endowment for the award of a scholarship on the following conditions:—

(i) That a scholarship of Rs. 5 per month, tenable for two years, be awarded to the student who being a *bonafide* resident of Howrah and having successfully passed the Matriculation Examination with the highest number of marks in Mathematics from any school in the District of Howrah, joins the Mechanical Apprentice Department of the Civil Engineering College Sibpur.

(ii) That the Scholarship be called "Duke Scholarship" to perpetuate the memory of Mr. F. W. Duke, I.C.S., late Magistrate of Howrah.

(iii) That the names of the scholars be published in the University Calendar.

SCHOLARS.

1907	Basu, Kartikchandra	..	Jaypur Fakirdas Institution.
1909	Bandyopadhyay, Gobardhan	..	Salkia Hindu School.
1910	Mukhopadhyay, Birendranath	..	Ditto
1911	Mitra, Rammohan	..	I. R. Belilios Institution, Howrah
1913	Ghoshal, Nagendranath	..	Mugkalyan H.E. School.
1914	Basu, Bhupendranath	...	I. R. Belilios Institution, Howrah.
1917	Ghatak, Manomohan	..	Ripon Collegiate School, Howrah Branch.
1918	De, Asutosh	..	Howrah Zila School.
1919	Sarkar, Sucharumohan	...	Jujersha P. N. M. H. E. School

5

DWARKANATH SCHOLARSHIP.

The Committee of the Dwarkanath Memorial Fund on the 9th September, 1882, made over to the University of Calcutta a sum of Rs. 5,500 in 4 (reduced to 3½) per cent. Government Promissory Notes on the following conditions:—

1. That the amount be applied in founding a Scholarship to be awarded, subject to the following conditions :—

2. That the Scholarship shall be awarded to such successful candidate in the Matriculation Examination of the University of Calcutta for the year who being a student of the South Suburban School, obtains the highest number of marks amongst his fellow-students, but does not obtain any other Scholarship.

3. That should no student from the South Suburban School succeed in passing the Matriculation Examination aforesaid, or should such student pass but obtain any other Scholarship, the Scholarship shall be awarded to such successful candidate in the Matriculation Examination who, being a student of the Hughli Collegiate School obtains the highest number of marks amongst his fellow-students but does not obtain any other Scholarship.

4. That should no student mentioned in Resolution (2) or (3) be eligible for Scholarship, the Scholarship shall be awarded to such student as the Syndicate of the said University shall select.

5. That the Scholarship shall be tenable for two years in one of the Colleges affiliated to the University of Calcutta, upon the same terms regarding regularity of attendance and other matters on which Government Junior Scholarships are held.

6. That the holders of the Scholarships for the time being shall be called "Dwarkanath Scholars."

7. That the Scholarship shall be paid by a monthly sum of Rs. 8.

8. That the amount aforesaid be invested in Government of India Promissory Notes of the 4 (reduced to $3\frac{1}{2}$) per cent. loan for Rs. 5,500, and the notes handed over to the authorities of the said University with a request that the Syndicate may give effect to the above Resolutions.

9. That should the interest payable on the Government Securities be reduced, the monthly amount to be paid to the Dwarkanath Scholars shall be proportionately reduced to allow of the amount of interest realised, meeting the amount payable to the scholars

SCHOLARS.

1917	Bhanja, Haridas	...	South Suburban School.
1918	{ Mitra, Sailendranath	...	Ditto
	{ Sen Gupta, Priyanath	...	Ditto
1919	Biswas, Prabhatkumar	...	Ditto

6

GEORGE V CORONATION MEDAL.

The Secretary, Executive Committee of the Coronation Fund, Howrah, forwarded a cheque for Rs. 1,000 for the purpose of creating an endowment for the annual award of a gold medal on the following conditions :—

1. That the medal be awarded to the successful student of the Howrah district who will secure the highest marks in the Bengali language at the Matriculation Examination.

2. That the inscription on the medal be on one side "George V Coronation medal awarded by Gunpat Rao Khemka to..." and the University Arms and the year of presentation on the other.

The offer was thankfully accepted by the Syndicate.

MEDALLISTS.

1917	{ Mitra, Bimalendubhushan ...	Panitras H. E. School
	{ Bhattacharyya, Niradbaran ..	Andul H. C. E. School
1918	Satpathi, Sasankasekhar ...	Shashati Nahala Abinas H. E. School
	{ Bandopadhyay, Pulinbihari ...	Andul H. C. E. School
1919	{ Tarafdar, Dayalchand ...	Ditto

7

INGLIS MEMORIAL MEDAL AND PRIZE.

On the 4th of November, 1905, the President of the Inglis Memorial Fund Committee made over to the University, Government Promissory Notes for Rs. 1,500 for the purpose of creating an endowment to perpetuate the memory of Mr. Thomas Inglis, late Commissioner of the Burdwan Division, on the following conditions:—

1. That out of the interest of the amount a silver medal and a prize of books be annually awarded.

2. That the medal be called the "Thomas Inglis Medal" and the prize "Mrs. Inglis Prize."

3. That the value of the Medal be fixed at Rs. 25, and that it be awarded to the Indian candidate from any school in the Burdwan Division who passes the Matriculation Examination and gains the highest number of marks in English

4. That the value of the prize be fixed at Rs. 27-8, and that it be awarded to the best Indian lady student who passes the Matriculation Examination and gains the highest number of marks in English.

5. That the list of winners of the medal and the prize be published in the University Calendar for successive years.

The offer was thankfully accepted by the Syndicate.

MEDALLISTS.

1906	Bandopadhyay, Srikumar ...	Rol C. M. Tayyib Institution
1907	Bhar, Rajkumar ...	Jagatballabhpur High School
1908	Bhattacharyya, Framatheskumar ...	Rangopalpur H. E. School
1909	Chaudhuri, Jitendranath ...	Andul H. C. E. School
1910	Gan, Mrityunjay ...	Patsuri I. P. Institution
1911	Maitra, Somnath ...	Serampur Union Institution
1912	Raychaudhuri, Krishnabihari ...	Panitras H. E. School
1913	Basu, Nalinikanta ...	Uttarpara Govt. High School
1914	Mukhopadhyay, Syamaprasad ...	Ditto
1915	Basu, Praphullakumar ...	Municipal School, Burdwan
1916	Ray, Umapada ...	Rampurhat H. E. School
1917	Muhammad Serajul Islam ...	Hughli Collegiate School
1918	Mukhopadhyay, Harisadhan ...	Serampur Union Institution
1919	Ditto, Debaprosanna ...	Burdwan Municipal School

PRIZE-WINNERS.

1906 Ghosh, Satyapriya	...	Bankipur Female H. E. School
1907 Laha, Charuprabha	...	Christ Church School
1908 Datta, Bidyutprabha	...	U. F. C. S. Normal School
1909 Bose, Stella	...	Loreto House
1910 Sarkar, Nalini	...	Ditto
1911 Ray, Nayantara	...	Diocesan College School, Calcutta
1912 Gupta, Tatini	...	Bethune Collegiate School
1913 Acharyya, Usha	...	Loreto House, Calcutta
1914 Duara, Sudhalata	...	Bethune Collegiate School
1915 Sarkar, Ashabati	...	Chota Nagpur Girl's High School
1916 Majumdar, Shwapon	...	Maharani School, Darjeeling
1917 Nag, Lilabati	...	Eden High School for Girls, Dacca
1918 Majumdar, Renuka	...	Diocesan College School, Calcutta
1919 Sen, Gladys Jyotirmoyee	...	Ditto

8

JATINDRACHANDRA MEDAL AND PRIZE

On the 30th April, 1892 Sir Gooroo Dass Banerjee made over to the University, Currency Notes for Rs. 1,000* for the purpose of creating an endowment for the annual award of a silver medal and a prize in memory of his son Jatindrachandra Banerjee, who was born on the 25th November, 1881, and died on the 26th of April 1892, while a student of the Hare School on the following conditions :—

1. That a medal, bearing the inscription "Jatindrachandra Medal awarded to " on one side and the University Arms on the other be awarded to the candidate who stands first at the Matriculation Examination.
2. That the prize be called the "Jatindrachandra Prize" consisting of useful books, to be selected by the candidate who wins it and that it be awarded to the student of the Hare School who passes the Matriculation Examination most creditably.
3. That the names of the Medallists and the Prize-winners be published in the Calendar.

MEDALLISTS

1892 Das, Saradaprasanna	...	Chittagong Collegiate School
1893 Chattopadhyay, Pramathnath	...	Albert Collegiate School
1894 { Ghosal, Prasannakumar	...	Hindu School
{ Chakrabarti, Rebattimohan	...	Noakhali Zila School
1895 Ray, Bipinchandra	...	Mymensingh Zila School
1896 Ghosh, Mahimchandra	...	Santosh Jahnabi School
1897 Bandyopadhyay, Bankindas	...	Ranchi Zila School
1898 Basu, Surendranath	...	Dacca Collegiate School
1899 De, Makhanlal	...	Howrah Zila School
1900 Chaudhuri, Jogeschandra	...	Mymensingh Zila School
1901 Sarkar, Binaykumar	...	Maldah Zila School
1902 Rajendra Prasad	...	Chapra Zila School
1903 Laha, Jatindranath	...	Hindu School
1904 Datta, Sailendranath	...	Ditto
1905 Sen, Kshitischandra	...	Ditto

*Rupees 800 has been invested in 4 (reduced to 3½) per cent. Government securities

ENDOWMENTS

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1906 Saha, Digindranath	...	Dighapatia P. N. H. E. School
1907 Bandyopadhyay, Durgapada	...	General Assembly's Institution
1908 Ghosh, Debaprasad	...	B. M. Institution, Barisal
1909 Bhattacharyya, Chandidas	...	Hindu School, Calcutta
1910 Ghosh, Mohitmohan	...	Uttarpara Government High School
1911 Chakrabarti, Khagendranath	...	Bangaon H. E. School
1912 Bhattacheryya, Hemendranarayan	...	Faridpur Zila School
1913 Sarkar, Pramathanath	...	Mitra Institution, Calcutta.
1914 Ghosh, Bijaygopal	...	Hare School
1915 Basu, Praphullakumar	...	Municipal School, Burdwan
1916 Dasgupta, Kuladacharan	...	Hindu School
1917 Chattopadhyay, Manoranjan	...	Dacca Collegiate School
1918 Mitra, Bijanchandra	...	Hare School
1919 Roy, Satyendranath II	...	Ditto

PRIZE-WINNERS.

1892 Dutta, Saratchandra	...	Hare School
1893 Pal, Narendranath	...	Ditto
1894 Bhattacharyya, Dwijendra	...	Ditto
1895 Baral, Krishnalal	...	Ditto
1896 Mukhopadhyay, Satyacharan	...	Ditto
1897 Bandyopadhyay, Purnendusundar	...	Ditto
1898 Sen, Pannalal	...	Ditto
1899 De, Kunjabihari	...	Ditto
1900 Ray, Banabilas	...	Ditto
1901 De, Rajanikanta	...	Ditto
1902 Sen, Dhirendranath	...	Ditto
1903 Chattopadhyay, Kshetrapal	...	Ditto
1904 Chattopadhyay, Jatindranath	...	Ditto
1905 Basu, Phanindranath	...	Ditto
1906 Ray, Satischandra	...	Ditto
1907 De, Gokulananda	...	Ditto
1908 Mitra, Khageschandra	...	Ditto
1909 Sinha, Jogischandra	...	Ditto
1910 Bhattacharyya, Ananganath	...	Ditto
1911 Sinha, Harischandra	...	Ditto
1912 Sarkar, Sachindranath	...	Ditto
1913 Nag, Asananda	...	Ditto
1914 Ghosh, Bijaygopal	...	Ditto
1915 Basu, Brajendranath	...	Ditto
1916 Basak, Kalipada	...	Ditto
1917 Basu, Charuchandra	...	Ditto
1918 Mitra, Bijanchandra	...	Ditto
1919 Ray, Satyendranath II	...	Ditto

9

JAYNARAYAN PRIZE

On the 6th December, 1899, Mahamahopadhyaya Maheschandra Nyayaratna, C.I.E., made over to the University a Government Promissory Note of the value of Rs. 500 for the purpose of founding thereby an annual prize in memory of his preceptor, late Pandit Jaynarayan Tarkapanchanan, on the following conditions :—

1. That the prize be called the "Jaynarayan prize."

2. That it be awarded publicly every year to the successful candidate who obtains the highest number of marks in Sanskrit at the Matriculation Examination.

3 That the prize consists entirely of Sanskrit works to the value of Rs. 17-8.

PRIZE-WINNERS.

1917 Mitra, Amulyacharan	...	Hindu School
1918 Bhattacharyya, Dineschandra	..	Ditto
1919 Mukhopadhyay, Umaprasad	...	Mitra Institution, Bhowanipur Branch

10

JITENDRA SCHOLARSHIP

Kumar Sarat Chandra Singh of Paikhpura made over to Government, G. P. Notes of the value of Rs. 10,000 for founding a scholarship of Rs. 15 a month in the name of his deceased son, Jitendrachandra Singh, to be awarded annually for two years to the best student of the H. E. School, Kandi, in the District of Murshidabad, who passes the Matriculation Examination in the First or Second Division, but fails to gain a Government Scholarship.

At the instance of Government, the Syndicate agreed to administer the fund held by the Treasurer, Charitable Endowments, and award the scholarship according to the conditions specified.

SCHOLARS.

1917 Ghosh, Sripada	...	Kandi Raj H. E. School
1918 Pal, Radhasyam	...	Ditto
1919 Chattopadhyay, Kalikumar	...	Ditto

11

KALIDAS NYAYARATNA GOLD MEDAL

Mr. B. Chakrabarti, Assistant Engineer, Poona District, made over to the University a sum of Rs. 1,950 for the purchase of 3½ per cent. Government Securities of the nominal value of Rs. 2,000 for the purpose of creating an endowment for the annual reward of a gold medal in memory of his uncle, the late Pandit Kalidas Nyayaratna of Langalber; the medal is to be awarded to the successful student who passes highest in Sanskrit at the Matriculation Examination of his year from the Rajpur and the Jayanagar Schools.

The Medal is to be called "Kalidas Nyayaratna Gold Medal, Langalber."

MEDALLISTS.

1899 Chakrabarti, Purnachandra	...	Jaynagar Institution
1900 Bhattacharyya, Saradaprasad	...	Ditto
1901 Ghosh, Atulkrishna	...	Ditto
1902 { Ghosh, Bipinbihari	...	Harinabhi A.S. School
Maitra, Ramprasad	...	Ditto
1903 Datta, Haranchandra	..	Ditto
1904 Basu, Sasibhushan	...	Jaynagar Institution
1905 Nath, Bhushanchandra	...	Harinabhi A.S. School

1906	Chaudhuri, Kiranchandra	...	Jaynagar Institution
1907	Datta, Jatindranath	...	Ditto
1908	Chakrabarti, Rameshchandra	...	Ditto
1909	Ray, Phanindranath	...	Ditto
1910	Bhattacharyya, Praphullakumar	...	Harinabhi A.S. School
1911	Dhar, Upendranath	...	Jaynagar Institution
1912	Ghosh, Bankimbihari	...	Harinabhi A.S. School
1913	Chakrabarti, Amulyadhar	...	Ditto
1914	Datta, Paramananda	...	Jaynagar Institution
1915	„ Binaykrishna	...	Ditto
1916	„ Saileshchandra	...	Ditto
1917	Bhattacharyya, Biswanath	...	Harinabhi A.S. School
1918	Biswas, Dwijendranath	...	Ditto
1919	Basu, Girindrakrishna	...	Jaynagar Institution

12

KIRTICHAND MACKENZIE GOLD MEDAL

Maharaja Ranajit Sing, Bahadur, of Nashipur, in the District of Murshidabad, made over to the University of Calcutta $3\frac{1}{2}$ per cent. Government Promissory Notes for Rs. 2,000 for creating an endowment for the annual award of a gold medal, to be called the "Kirtichand Mackenzie Gold Medal," to the successful candidate at the Matriculation Examination, who secures the highest number of marks in Mathematics.

The Syndicate at their meeting held on the 26th November, 1898, thankfully accepted the donation.

MEDALLISTS

1899	{ De, Makhanlal	Howrah Zila School
	{ Das, Amarendranath	Bankipur A. S. School
	{ Bandyopadhyay, Bhupati	Hindu School, Calcutta
1900	{ Chaudhuri, Jageshchandra	Mymensingh Zila School
	{ Nath, Radhagobinda	Noakhali Zila School
	{ Mukhopadhyay, Hiralal	Idilpur H. E. School
1901	{ Biswas, Priyanath	Santosh Jahnabi School
1902	{ Sinha, Tarakdas	Jamalpur H. E. School
	{ Chaudhuri, Surendrachandra	Pabna Institution
1903	{ Basu, Surendranath	Barisal Zila School
1904	{ Sen, Bhupatimohan	Rajshahi Collegiate School
1905	{ De, Bijaychandi	General Assembly's Institution
1906	{ Abdus Shovan Mahmood	Serajganj B. L. H. E. School
1907	{ Sen, Surendranath	Pogose School, Dacca
1908	{ Abdur Rahman Khan	Barisal Zila School
1909	{ Saha, Meghnad	Kisorilal Jubilee School, Dacca
1910	{ Ghosh Mohitmohan	Uttarpara Govt. School
1911	{ Bhattacharyya, Bankimchandra	Hindu School, Calcutta
	{ Basu, Kananbihari	Hare School
	{ Bhattacharyya, Bimalchandra	Rajshahi Collegiate School
* 1912	{ Biswas, Purnachandra	Amla Sadarpur School
	{ Chattopadhyay, Prandhan	Uttarpara Govt. High School
	{ Das, Anathnath	Ditto

* Prizes were awarded in lieu of medal.

	Gupta, Tatin	...	Bethune Collegiate School
	Hajra, Birendranath	...	Burdwan Raj Coll. School
*1912	Nandi, Aswinikumar	...	Durgapur H. E. School
	Ray, Nareschandra	...	Rangpur Zila School [Branch
	" Sureshchandra	...	City Collegiate School, Mymensing
	Sen, Nripendranath	...	Chittagong Municipal School
1913	Bandyopadhyay, Aswinikumar	...	Hare School
1914	Ghosh Bijaygopal	...	Ditto
	Basu, Brajendranath	...	Ditto
*1915	Datta, Taraknath	...	Ditto
	Mitra, Rashbihari	...	Hindu School
	Ray, Upendrakumar	...	Agartala Umakanta Academy
1916	Halder, Bholanath	...	Midnapur Zila School
	Ray, Bibhutibhushan	...	Pabna Zila School
*1917	Dasgupta, Sudhirkumar	...	Shillong Govt. High School
	Mukhopadhyay, Renupada	...	Pakur Raj H. E. School
	Dasgupta, Kalipada, I	...	Kalia Re-modelled H. E. School
1918	Ray, Susilkumar	...	Barisal Zila School
	Ray, Satyendranath, II	...	Hare School.
	Mukhopadhyay, Santanukumar	...	Hare School.
	Bandyopadhyay, Kaligati	...	Birbhum Zila School
	Ghosh, Panchugopal	...	Pogose School, Dacca.
	Chakrabarti, Prabodhchandra	...	Sarail Annada H.E. School.
*1919	Ghosh, Janakijiban	...	Barisal ¹ Brajamohan Institution
	Raychaudhuri, Debiprasad	...	Barisal Zila School,
	Ghosh, Utpalendranarayan	...	Barisal Zila School.
	Das, Binaybhushan	...	Balurghat H.E. School
	Das, Indumadhab	...	Gaibandha H.E. School.
	Nandi, Arunkumar	...	Dacca Pogose School.

13

MAHARAJA OF GIDHOUR SILVER JUBILEE GOLD MEDAL FUND.

Maharaja Sir Rameswar Prasad Singh, Bahadur, K.C.I.E., of Gidhour placed at the disposal of the University, a sum of Rs. 1,000 for the purpose of creating an endowment for the annual award of a gold medal to commemorate the celebration of Silver Jubilee on the following condition :—

(a) That the Medal shall be called "The Silver Jubilee Gold Medal of the Maharaja Sir Rameswar Prasad Singh, Bahadur, K.C.I.E., of Gidhour, solemnised in 1911."

(b) That the Medal shall be awarded annually to the best student who will pass in the first division at the Matriculation Examination from the Jamui H.E. School, Monghyr.

(c) That in the event of non-fulfilment of the condition in (b) in any year or years, the endowment shall multiply and in the following year or years so many grants of arrear medals shall be made to deserving students of the afore-said school, provided they pass in the first division.

(d) That the donor shall reserve for himself and for his heir such right and rights in future as to modify any of the above conditions, if need be.

Prizes were awarded in lieu of medal:

(e) That the name of the winner of the medal shall be published in the University Calendar for the year.

The offer was thankfully accepted by the Syndicate.

MEDALIST.

1917 Hargauri Sharan ... Jamui H.E. School

At the request of the Maharaja the Syndicate at its meeting sanctioned the transference of the fund to the Patna University.

14

MOHINIMOHAN MITRA SILVER MEDAL.

The Secretary, Mohinimohan Mitra Memorial Fund, placed with the University G. P. Notes of the nominal value of Rs. 500 for founding a Silver Medal to be awarded annually to successful student who obtains the highest number of marks at the Matriculation Examination from any school in the District of Burdwan.

The donation was thankfully accepted by the Syndicate.

MEDALLISTS

1911	Sarkar, Jnanananda	...	Albert Victor Inst., Burdwan
1912	Hajra, Birendranath	...	Burdwan Raj Coll. School
1913	Bandyopadhyay, Bagalapada	...	Burdwan Municipal School
1914	Mukhopadhyay, Kamadananda	...	Ditto
1915	Basu, Praphullakumar	...	Ditto
1916	Ray, Bankimchandra	...	Raniganj H. E. School
1917	Sen, Sukumar	...	Burdwan Municipal School
1918	Mukhopadhyay, Durgasib	...	Ditto
1919	" Debaprasanna	...	Ditto

15

NABINCHANDRA KUNDU PRIZE.

In March, 1914, Babu Ramlal Kundu made over to the University a 3½ per cent. Government Promissory Note of the nominal value of Rs. 1,000 for the purpose of creating an endowment for the annual award of a prize in cash out of the interest thereof, in memory of his deceased father, Babu Nabinchandra Kundu, on the following conditions :

(1) That the prize be awarded to the best successful candidate of Hindu race who obtains the highest number of marks in Sanskrit at the Matriculation Examination of the year.

(2) The prize be called the Nabinchandra Kundu Prize.

The offer was thankfully accepted by the Syndicate.

PRIZE-WINNERS.

1917	Mitra, Amulyacharan	...	Hindu School
1918	Bhattacharyya, Dineschandra	...	Ditto
1919	Mukhopadhyay, Umaprasad	...	Mitra Institution, Bhowanipore Branch.

16

RAI ABHAYCHARAN MITRA, BAHADUR, MEDAL.

Babu Kailaschandra Mitra, Executor to the estate of the late Rai Abhaycharan Mitra, Bahadur, of Rajbari, made over to the University a Government Promissory Note of the nominal value of Rs. 1,000 of 3½ per cent. loan, for the purpose of creating an endowment for the annual award of a Silver Medal in memory of the Rai Abhaycharan Mitra, Bahadur, on the following conditions:—

(i) That the medal be awarded to the student who secures the highest number of marks at the Matriculation Examination from schools within the Munshiganj Sub-division of the Dacca District.

(ii) That the medal is to bear the following inscription—"Rai Abhaycharan Mitra, Bahadur's Medal awarded to" on one side and the University Arms on the other.

The donation was thankfully accepted by the Syndicate.

MEDALLISTS.

1917	Mukhopadhyay, Amulyachandra...	Munshiganj H. E. School
1918	Datta, Priyaranjan	... Ditto
1919	Mukhopadhyay, Motilal	... Beltali Gangaprasad Jagannath H. E. School.

17

RAIKISOKI DASI AND DURGA DASI SCHOLARSHIP.

Mr. G. C. Bose, Executor of the Will of the late Babu Jagatbandhu Bose placed at the disposal of the University, 3½ per cent. G. P. Notes of the nominal value of Rs. 6,000 for the purpose of founding a scholarship in memory of the mother and grandmother of the donor on the following conditions:—

1. That a scholarship of Rs. 8 per month tenable for two years shall be awarded to such successful candidate in the Matriculation Examination for the year, who being a student of the H. E. School, Ilsoba Mondlai, obtains the highest number of marks amongst his fellow-students, but does not obtain a Government Scholarship.

2. That if more than one boy obtain equal marks at the Matriculation Examination the poorest among them shall get the scholarship.

3. That the scholarship shall be tenable in any affiliated institution in which the student desires to prosecute his studies.

4. If in any year any boy after passing the Examination from the aforesaid school does not continue his studies or if in any year no boy at all succeed in passing the Examination or if in any year one boy pass the Examination and obtain a Government Scholarship and there be no other boy to enjoy the scholarship under the present endowment or if in any year any boy die while enjoying the scholarship, then the amount of the undischursed scholarship as well as the surplus money which will be left every year after paying the monthly scholarship to one boy shall be deposited in the School Fund:—

5. If the H. E. School at Mondlai ever cease to exist then the interest on the amount shall be paid by way of scholarship to a student who will have passed the Matriculation Examination from the Boichieh B. L. Free School.

6. The Scholarship shall be called "Raikisori Dasi and Durga Das Scholarship."

SCHOLARS.

1911	Nandi, Radhakanta	...	Ilsoha Mondlai H. F. School
1912	Saha, Amarendranath		Ditto
1913	Ganguli, Kusumkumar		Ditto
1914	Basu, Chaituchandra		Ditto
1915	Bandyopadhyay, Sudhirkrishna		Ditto
1916	Mukhopadhyay, Satyacharan		Ditto
1917	Nandi, Syamsundar		Ditto
1918	Nandi, Radharaman	...	Ditto
1919	Mukerji, Prakaschandra	...	Ditto

18

RAJKRISHNA-KSHETRAMANI SCHOLARSHIPS.

In August, 1901, Babu Kishorymohun Roy, Vakil, High Court, Calcutta made over to the University of Calcutta 3 per cent. Government Promissory Notes for Rs. 4,000 for the purpose of founding, from the interest thereof two Scholarships, each of the value of Rs. 5 per month tenable for one year, subject to the following conditions:—

1. That the Scholarships be called "Rajkrishna-Kshetramani Scholarships" in memory of his revered parents, late Babu Rajkrishna Ray and Srimati Kshetramani Debya, and be published as an endowment in the Calendar of the University

2. That each of the two Scholarships be awarded to the student who may be declared otherwise fit and eligible under the conditions hereinafter mentioned in consideration of his or her prosecuting or pursuing his or her studies in some well organised Institution, teaching in Arts or some profession or any technical subject.

3. That the Scholarships shall be open, one to each of the six schools specified below, in rotation in the order in which they are named, that is, one Scholarship to each of the first two schools in the first year, then to each of the next two schools in the second year, and so on.

- (1) Rajshahi Collegiate School.
- (2) Deoghur R. Mitra H. E. School.
- (3) Bogra Zila School.
- (4) Pabna Zila School.
- (5) South Suburban School, Bhowanipur.
- (6) Dumka Zila School.

4. That one of the Scholarships shall be awarded to the most deserving student who successfully passes the Matriculation Examination of the Calcutta University from one of the two schools as indicated above to which the Scholarships are open for any year, but fails to obtain any other Scholarship of a value equal to or higher than this Scholarship, and the other Scholarship to such student from the other of the two schools.

5. That if in any year no student be eligible, according to the conditions hereinbefore mentioned, from any school to which one of the Scholarships is open for the year, the same shall be open to the school next in rotation provided that both the Scholarships shall not be given to one and the same school in any year and that no Scholarship shall be given to one and the same school for two years consecutively.

6. That if in any year no student be eligible for any of the Scholarships according to the conditions hereinafter mentioned, from any one of the aforesaid six schools (a contingency not likely to happen) the same shall be awarded to such deserving student of any other school situated within the jurisdiction of the Commissioner of Rajshahi Division as the Syndicate of the Calcutta University shall select, having regard to the tenor and spirit of the conditions herein-before mentioned.

7. That the power of putting a fair construction of any doubtful point in or of deciding upon any point not covered by, the aforesaid conditions, shall rest with the University.

The syndicate at its meeting held on the 5th September, 1919 resolved that the names of Deoghur R. Mitra H. E. School and Dumka Zila School be removed from the list, and that the Scholarships be awarded one year to Rajshahi Collegiate School and Bogra Zilla School, and the next year to Pabna Zilla School and South Suburban School, Bhowanipur.

SCHOLARS.

1902	{ Ray, Lalitmohan	Rajshahi Collegiate School
	{ Bhattacharyya, Kalidas ..	Deoghur R. Mitra H. E. School
1903	{ Mitra, Manmathanath ...	Dumka Zila School
1904	{ Maitra, Khuducharan	Rajshahi Collegiate School
	{ Das, Satvendra-nath	Deoghur R. Mitra H. E. School
1905	{ Chaki, Charuchandra ...	Bogra Zila School
	{ Ray, Surendranarayan ...	Pabna Zila School
1906	{ Mukhopadhyay, Durgacharan	South Suburban School
	{ Sarkar, Harimohan	Dumka Zila School
1907	{ Ray, Dwarkanath ...	Rajshahi Collegiate School
	{ Chattopadhyay, Debiprasad ...	Deoghur R. Mitra H. E. School
1908	{ Sinha, Lalitchandra	Bogra Zila School
	{ Mukhopadhyay, Makhanlal ...	Pabna Zila School
1909	{ " Anadicharan ...	South Suburban School
	{ Gupta, Gopeschandra	Dumka Zila School
1910	{ Chaudhuri, Rabindranath ..	Rajshahi Collegiate School
	{ Ray, Narendranath ...	Deoghur R. Mitra H. E. School
1911	{ Bandyopadhyay, Sunitikumar ...	Bogra Zila School
	{ Chakrabarti, Bhabaniprasad ...	Pabna Zila School
1912	{ Chattopadhyay, Saratchandra ...	South Suburban School
	{ Ghosh, Sasadhar	Dumka Zila School
1913	{ Khan, Kisorimohan	Rajshahi Collegiate School
	{ Sen, Praphullacharan	Deoghur R. Mitra H. E. School
1914	{ Bhaumik, Aswinikumar	Bogra Zila School
	{ Lahiri, Bhupendra-chandra ...	Pabna Zila School
1915	{ Ghosh, Amalkrishna	South Suburban School
	{ Sengupta, Anadinath	Dumka Zila School
1916	{ Das, Kalipada	Deoghur R. Mitra H. E. School
	{ Bhattacharyya, Susilchandra	Rajshahi Collegiate School
1917	{ Bhaduri, Jatischandra	Bogra Zila School
	{ Saha, Sudhansuranjan	Pabna Zila School
1918	{ Datta Sailendranath	South Suburban School
1919	{ Sen, Jyotischandra	Bogra Zila School
	{ Md. Akkas Ali Khan	Rajshahi Collegiate School

KISHORYMOHUN-HARAKINKARI SCHOLARSHIPS.

In March, 1903, Babu Kishorymohun Ray, Vakil, High Court, Calcutta offered to the University G. P. Notes for Rs. 4,000 of the 3 per cent. loan for the purpose of founding, from the interest thereof, two Scholarships of Rs. 5 each per month, tenable for one year, on the following conditions :—

1. That the aforesaid Scholarships shall be called "Kishorymohun-Harakinkari Scholarships."

2. That the aforesaid endowment and the names of Scholars shall be published in the Calendar of the University and be placed next after the Rajkrishna-Kshetramani Scholarships founded by me in 1901.

3. That the aforesaid Scholarships shall be awarded to holders of Rajkrishna-Kshetramani Scholarships and shall be tenable for one year commencing next after the expiration of the terms of their original Scholarships on condition that they prosecute or pursue their studies in some well-organized Institution, teaching in Arts, or some profession or any technical subject. Provided that no such Scholarship shall be awarded to any one of them if in the opinion of the University, the student is deemed unfit and undeserving, by reason of his or her not having made sufficient progress in study, during the term of his or her holding the said "Rajkrishna-Kshetramani Scholarships" or for any other reason.

4. That if, for any reason, in any year, any of the two Scholarships be not awarded to a holder of a "Rajkrishna-Kshetramani Scholarship," the same shall be awarded to a most deserving student who would have been eligible for one of the Rajkrishna-Kshetramani Scholarships according to the tenor and spirit of the conditions attached to the said Scholarships but to whom no such Scholarship was awarded by reason of there being, at that time, a more fit student to take.

5. That as far as practicable the aforesaid Scholarship shall be subject to the conditions attached to the said "Rajkrishna-Kshetramani Scholarships."

6. That the power of putting a fair construction on any doubtful point in, or deciding upon any point not covered by, the aforesaid conditions or the conditions attached to the said "Rajkrishna-Kshetramani Scholarships" shall rest with the University.

The offer was thankfully accepted on the Syndicate at their meeting held on the 21st March, 1903.

SCHOLARS

1904	Mitra, Manmathanath	...	Krishnachandra College, Hetampur
1905	{ Das, Satyendranath	...	Berhampur College
	{ Maitra, Khuducharan	...	Rajshahi College
1907	{ Mukhopadhyay, Durgacharan	...	L. M. S. College, Bhowanipur
	{ Maitra, Sasadhar	...	Rajshahi College
1908	{ Ray, Dwarkanath	...	Scottish Churches College
	{ Chattopadhyay Debiprasad	...	Krishnagar College
1909	{ Sinha, Lalitchandra	...	
	{ Mukhopadhyay, Makhnial	...	
1910	{ Anadicharan	...	St. Xavier's College
	{ Gupta, Gopeschandra	...	St. Columba's College, Hazaribagh
1911	{ Chaudhuri, Rabindranath	...	Rajshahi College
	{ Ray, Narendranath	...	Presidency College

1912	{ Bandyopadhyay, Sunitikumar ...	City College
	{ Chakrabarti, Bhabaniprasad ...	Rajshahi College
1913	{ Chattopadhyay, Saratchandra ...	Scottish Churches College
	{ Ghosh, Sasadhar ...	Krishnath College, Berhampur
1914	{ Khan, Kisorimohan ...	Bangabasi College
	{ Sen, Praphullachandra ...	Scottish Churches College
1915	{ Bhaumik, Aswinikumar ...	Dacca College
	{ Lahiri, Bhupendrachandra ...	Rajshahi College
1916	{ Ghosh, Amalkrishna ...	St. Xavier's College
	{ Sengupta, Anadinath ...	T. N. Jubilee College, Bhagalpur
1918	{ Bhaduri, Jiteshchandra ...	Sanskrit College
	{ Saha, Sudhansuranjan ...	Rajshahi College
1919	{ Datta, Sailendranath ...	South Suburban College

20

HARAKINKARI DEVI MEDAL.

In September 1915, Babu Kishorymohan Ray made over to the University Rs. 500 in 3 per cent. G. P. Notes for creating an endowment for the annual award of a silver medal in memory of his late wife Srimati Harakinkari Devi on the following conditions :—

(i) That the medal be called "Harakinkari Devi Medal" and will bear the inscription "Harakinkari Devi Medal awarded toyear....." on one side and the University Arms on the other.

(ii) That the Medal be awarded annually to the most deserving Female Candidate, who being a Bengali Hindu, successfully passes the Matriculation Examination of the Calcutta University for the year. The phrase "Bengali Hindu" shall include not only a Hindu resident of Bengal but also a Hindu of Bengal settled or domiciled elsewhere

(iii) That the endowment and the names of the medallists be published in the University Calendar and if not deemed inconvenient, be placed next after "Kisorimohan-Harakinkari Scholarships" endowment.

(iv) That the Medal be awarded for the first time on the result of the next Matriculation Examination, if possible.

MEDALISTS.

1917	Datta, Sudha	... Maharani School, Darjeeling
1918	Majumdar, Renuka	... Diocesan College
1919	Guha, Amiya	... Dr. Khastgir's High School for Girls, Chittagong.

21

UMESCHANDRA-SARVAMANGALA PRIZE FUND.

In April, 1914, Babu Bireschandra Das, B.L., Pleader, Howrah, made over to the University a 3½ per cent. G. P. Note of the nominal value of Rs. 500 for the purpose of creating an endowment, for the annual award of a Prize out of the interest thereof, in memory of his parents, the late Babu Umeschandra Das and Sarvamangala Dasi, on the following conditions :—

1. That the Prize be called the "Umeschandra-Sarvamangala Prize."

2 That it be awarded to the best successful candidate at the Matriculation Examination in the District of Howrah.

3. That, the names of the Prize-winners be published in the University Calendar.

4. That the Prize be awarded for the first time on the results of the Matriculation Examination in 1914, if possible.

The Syndicate at their meeting on the 2nd May, 1914, thankfully accepted the offer.

PRIZE-WINNERS.

1917	Datta, Pareschandra	...	Howrah Zila School
1918	De, Asutosh	...	Howrah Zila School
1919	Mitra, Saktisadhan	...	Panitras High School

22

DUFF SCHOLARSHIPS.

The subscribers to a fund raised for the purpose of commemorating the services of the Rev. Dr. Duff, directed the investment of the amount collected (Rs. 20,000) in Government Securities; and offered to transfer the same to the University of Calcutta on the following conditions:—

1. The interest of the money shall be applied to establish—

I—A Scholarship of Rs. 15 a month tenable for one year by the student who shall obtain, in the Intermediate Examination in Arts, the highest number of marks in Languages.

II—A Scholarship of Rs. 15 a month, tenable for one year by the student who shall obtain, in the Intermediate Examination in Arts or Science, the highest number of marks in Mathematics.

III—A Scholarship of Rs. 15 a month, tenable for one year by the student who, having been educated for at least one year in the Scottish Churches College shall obtain the highest number of marks in all the subjects taken together at the Intermediate Examination in Arts or Science in alternate years.

IV—A Scholarship of Rs. 15 a month, tenable for one year, by the student who, being a Christian in religion, shall obtain the highest number of marks in all the subjects taken together at the Intermediate Examination in Arts or Science in alternate years.

2. The above Scholarships shall be called "Duff Scholarships" and shall be tenable with any other Scholarships.

3. The surplus of the funds, after paying any small incidental expenses shall be suffered to accumulate, and used for the purpose of giving rewards to any students of the University who shall pass with credit in the evidences of Revealed Religion, Natural Theology and Moral Philosophy in the Examination for Honours for the degree of M.A. Such rewards are to be called "Duff Prizes."

4. Should the accumulations appear, to the Syndicate, greater than is necessary to carry out Rule 3, they may add to the value of the Duff Scholarships or increase their number.

5. The Syndicate shall have the power of putting a fair interpretation on any doubtful point in the above rules

The Senate, at a meeting on the 21st July, 1866, accepted this benefaction from the subscribers of the Duff Memorial Fund.

In accordance with Rule 4, the Syndicate by Resolution at their meeting (held on the 23rd May, 1908) established two Scholarships—

(a) A fifth Scholarship of Rs. 12 a month, tenable for one year by the student who shall obtain, in the Intermediate Examination in Arts or Science, the highest number of marks in Physics.

(b) A sixth Scholarship of Rupees 12 a month, tenable for one year by the student who shall obtain, in the Intermediate Examination in Arts or Science, the highest number of marks in Chemistry.

SCHOLARS.

1919.

- | | | |
|---|------------------|------------------------------|
| I. Mukhopadhyay, Syamaprasad (Languages) | .. | Presidency College |
| II. Mukhopadhyay, Syamaprasad
Chakrabarti, Kumudininanta | } Mathematics .. | { Presidency
College |
| III Basu, Amarendra nath (1st in I. A. from
S. C College) | ... | Scottish Churches
College |
| IV. Brenda Aukim (Best Christian student in I. A.) | | Loretto House |
| V. Bandyopadhyay, Jogeschandra (Physics) | | Weslyan College,
Bankura |
| VI. Chakrabarti, Kumudinikanta (Chemistry) | ... | Presidency College. |

23

NAWAB ABDUL LATIF AND FATHER LAFONT SCHOLARSHIP.

In July 1913, Nawab Bahadur A. F. M. Abdur Rahman, Honorary Secretary, Bengal Social Science Association, placed at the disposal of the University, 3½ per cent. G. P. Notes of the nominal value of Rs. 3,500 for the purpose of founding a Scholarship for the encouragement of scientific studies. The offer was thankfully accepted by the Syndicate who laid down that the value of the Scholarship shall be Rs. 10 a month, tenable for one year by the successful candidate who stands first among the lady students of the year in any of the Science subjects other than Mathematics at the I.A. or I.Sc. Examination, or in the I.A. Examination if no female candidate passed the I.Sc. Examination and that the Scholarship be called the "Nawab Abdul Latif and Father Lafont Science Scholarship."

SCHOLARS.

- | | | |
|--------------------------|-----|------------------------|
| 1913 Cohen, Molly | ... | Non-Collegiate Student |
| 1914 Bodekar, F. | ... | Ditto |
| 1915 Acharyya, Usha | ... | Loreto House |
| 1916 Hazra, Niromal | ... | Diocesan College |
| 1917 Hankins, Any Forbes | ... | Rangoon College |
| 1918 E. Antram | ... | Rangoon College |
| 1919 Rachel Sofaer | ... | Ditto |

24

PACHETE PRIZE.

Maharaja Nilmoni Singh Deo Bahadur, Zeminder of Pachete, made over to the University of Calcutta, two Government Promissory Notes of Rs. 1000 each of the $4\frac{1}{2}$ per cent. (reduced to $3\frac{1}{2}$) loan of 1879, in order to found a Prize of Rs. 70 to be called, "*The Pachete Sanskrit Prize*", to be awarded to the student who stands highest in Sanskrit among the successful candidates at the Intermediate Examination in Arts of the year.

PRIZE—WINNERS.

1882	Bhattacharyya, Rajanikanta	...	Sanskrit College
1883	Chaudhuri, Radhagobinda	...	Metropolitan Institution
1884	Bandyopadhyay, Kaliprasanna	..	Presidency College
1885	{ " Lalitkumar	...	Krishnagar College
	{ Vidyacharan Singh	...	Muir Central College
1886	Majumdar, Upendralal	..	Presidency College
1887	Sengupta, Saratchandra	...	St. Xavier's College
1888	Bhattacharyya, Asutosh	...	Sanskrit College
1889	Kundu, Jagannath	...	Hughli College
1890	Bhattacharyya, Upendranath	...	Ripon College
1891	{ Chandra Hrishikes	..	Hughli College
	{ Sarkar, Kshitischandra	...	Bangabasi College
1892	{ Chakrabarti, Brajalal	...	Sanskrit College
	{ Kanungoi Balmakund	...	Ravenshaw College
1893	Chattopadhyay, Asutosh	...	Hughli College
1894	Chakrabarti Banamali	...	Presidency College
1895	" Saratchandra	...	F. C. of Scotland's Institution and Duff College
1896	Goswami, Bhagabatkumar	..	Sanskrit College
1897	Ray, Bipinchandra	..	Presidency College
1898	Ghosh, Mahimchandra	..	Ditto
1899	Basu, Radhakrishna	...	Ravenshaw College
1900	Gangopadhyay, Sitalakanta	...	Dacca College
1901	Datta, Rabindranath	...	General Assembly's Institution
1902	Dattagupta, Akshaykumar	...	Dacca College
1903	{ Sen, Manibhushan	...	General Assembly's Institution
	{ Ghoshal, Upendranath	...	Ditto
1904	Bhattacharyya, Sailendranath	...	Dacca College
1905	Ray, Hemchandra	..	Pabna College
1906	Datta, Sailendranath	..	Presidency College
1907	Das, Bhagirathchandra	...	Victoria College, Comilla
1908	{ Bagchi, Kalidas	...	Presidency College
	{ Basu, Manmathanath	...	Ravenshaw College
1909	Ghosh, Ramsaran	...	Wesleyan Mission College, Bankura
1910	" Debaprasad	..	B. M. Institution, Barisal
1911	{ Bhattacharyya, Chândidas	...	Presidency College
	{ " Harimohan	...	Ditto
1912	De, Nibaranchandra	...	Victoria College, Comilla
1913	{ Ghatak, Jyotischandra	...	L. M. S. College, Bhowanipur
	{ Ray, Suhaschandra	...	Metropolitan Institution
1914	{ Chattopadhyay, Abhayapada	...	Presidency College
	{ Das, Sarojkumar	...	Ditto
1915	Sarkar, Pramathanath	..	Ditto
1916	Chaudhuri, Jnanendranath	...	Krishnath College
1917	Mitra, Rasbihari	...	Presidency College
1918	Dasgupta, Kuladacharan	...	Presidency College
1919	Mukhopadhyay, Syamaprasad	...	Ditto

25

SARADAPRASAD SCHOLARSHIP AND PRIZES

The late Babu Saradaprasad Roy, Zemindar of Chakdighi, bequeathed by his Will to the University a sum of Rs. 5,000 and which it was left, to the Syndicate to utilise in the best way they thought fit. In February, 1885, the University received from Babu Lalit Mohan Roy the heir of the deceased, a Government Promissory Note for Rs. 5,000 and in April 1888, the Commissioner of the Burdwan Division forwarded the interest on the same, amounting to Rs. 3,500. The capital at the disposal of the University thus stood at Rs. 8,500. After consultation with Babu Lalit Mohan Roy, it was determined to found a Scholarship of the value of Rs. 10 a month, to be called the Saradaprasad Scholarship to be awarded annually to that one of the successful candidates for the Intermediate Examination in Arts who having passed the Matriculation Examination from the Chakdighi Higher Class English School, had prosecuted his studies in an affiliated College for a period of two years; and in case no successful student appears from that school, to that one among the successful candidates for the Intermediate Examination in Arts who had passed the Matriculation Examination with the greatest credit from the Burdwan district.

It was also determined to apply the balance which remained every year to the establishment of eight prizes, of Rs. 20 each in books, to be called the Saradaprasad Prizes, to be awarded to the eight successful candidates who stand highest in the subjects of English, Sanskrit, History, Logic, Mathematics, Physics, Chemistry and Botany at the Intermediate Examination in Arts or Science respectively.

SCHOLARS.

1917 Basu Praphullakumar	... Burdwan Raj College
1918 Gupta, Sitendu	... Bangabasi College
1919 Mitra, Kalikrishna	... Central College

PRIZE-WINNERS.

1919

(English)

Mukhopadhyay, Syamaprasad ... Presidency College

(Sanskrit)

Mukhopadhyay, Syamaprasad ... Presidency College

(History)

Majumdar, Jagadischandra ... Presidency College

(Logic)

Sanyal, Sasankasekhar ... Krishnath College, Berhampur

Chakrabarti, Jagdishchandra ... City College, Calcutta

Sarkar, Sushobhan Chandra ... Presidency College

(Mathematics)

Mukhopadhyay, Syamaprasad }
Chakrabarti, Kumudinikanta } ... Presidency College

(Physics)

Bandyopadhyay, Jageshchandra ... Wesleyan College, Bankura

(Chemistry)

Chakrabarti, Kumudinikanta ... Presidency College

(Botany)

Majumdar, Ranimohan ... Bangabasi College

26

SINDHUBALA MEDAL.

Babu Bangendubhushan Mukerjee, B.L., Pleader, Krishnagar, Nadia, made over to the University a 3½ per cent. G. P. Note for Rs. 500 for the purpose of creating an endowment for the annual award of a silver medal in memory of his wife Srimati Sindhubala Debi who died on the 16th Falgun, 1317 B. S., on the following conditions :—

(i) That an annual silver medal be instituted bearing the words, "Sindhubala medal awarded to.....year....." on one side and the University Arms on the other.

(ii) That the medal be awarded annually to the student who stands first in order of merit in the I.A. or I.Sc. Examination and does not get the Stephen Finney Medal.

(iii) That the names of the Medallists be printed in the University Calender and also in the *Gazette*.

(iv) That the Medal be awarded for the first time on the results of the I. A. or I.Sc. Examination of 1911, if possible.

MEDALLISTS.

1912 Basak, Kirankumar	..	St. Columba's College, Hazaribagh
1913 Sengupta, Mohitkumar	...	Presidency College
1914 Gupta, Tatini	...	Bethune College
1915 Chattopadhyay, Kshitiprasad	..	Metropolitan Institution
1916 Gupta, Kshirodbihari	...	Murachand College, Sylhet
1917 Acharyya, Purnachandra	..	Presidency College
1918 Mitra, Narendragopal	...	Ditto
1919 Guhasarkar, Sarbanisahay	...	Ditto

27

STEPHEN FINNEY MEDAL

In March, 1901, the Honorary Secretary, Native Improvement Society, Saidpur, forwarded to the Registrar, Government Promissory Notes for Rs 600 with a request that the amount might be utilized in establishing a fund to be called the "Stephen Finney Medal Fund," and that either a gold or a silver medal might be awarded from the annual interest of the amount to the student who stands first in order of merit among the successful candidates at the Intermediate Examination in Arts or Science in alternate years.

The Medal is to bear the following Inscription :—

"Stephen Finney Medal awarded to....." on one side, and "Founded by the Indian employees of the Eastern Bengal State Railway, on the other.

MEDALLISTS.

1901 Datta, Gurusaday	...	Presidency College
1902 Ray, Nagendranath	...	Bangabasi College
1903 Lala, Asutosh	...	General Assembly's Institution
1904 Rajendraprasad	...	Presidency College
1905 Biswas, Charuchandra	...	Ditto
1906 Datta, Sailendranath	...	Ditto
1907 Chattopadhyay, Basantakumar	..	Krishnath College, Berhampur
1908 Saha, Digindranath	...	Presidency College

1909	Modak, Satyendranath	...	Krishnagar College
1910	Chakrabarti, Binodlal	...	Presidency College
1911	Bhattacharyya, Chandidas	...	Ditto
1912	Ghosh, Mohitmohan	...	Ditto
1913	Kakati, Banikanta	...	Cotton College, Gauhati
1914	Sarkar, Sachindranath	...	Presidency College
1915	Sen Satishchandra	...	Ditto
1916	Majumdar, Sudhirkumar	...	Ditto
1917	Ray, Praphullakumar	...	Ditto
1918	Ray, Bankimchandra	...	Scottish Churches College
1919	Mukhopadhyay, Syamaprosad	...	Presidency College

28

WOOMESH CHANDRA MOOKERJEE SILVER MEDAL.

Babu Satishchandra Mookerjee, M.A., Professor, L.M.S. College, Bhowanipur made over to the University 3 per cent. Government Security for Rs. 500 on the following conditions:—

(i) That a silver medal be annually awarded to the successful female candidate who obtains the highest number of marks at the Intermediate Examination in Arts.

(ii) That the names of the Medallists be published in the *Gazette* and in the University Calender.

(iii) That the Medal be called the 'Woomeshchandra Mookerjee Medal' in memory of his father.

MEDALLISTS.

1904	Sen, Hiranmayi	...	Bethune College
1905	Ghosh, Nirbharpriya	...	Ditto
1906	Van Ingen, Mary	...	Private Student
1907	Ray, Punyalata	...	Bethune College
1908	Ghosh, Satyapriya	...	Ditto
1909	Clare De Vere	...	Non-Collegiate Student
1910	Kingsley, May	...	Rangoon College
1911	Rickey, Margaret	...	Non-Collegiate Student
1912	Joana Lauder	...	Ditto
1913	Cohen, Molly	...	Ditto
1914	Gupta, Tatini	...	Bethune College
1915	Iris V. M. Le Blond	...	Loreto House
1916	Duara, Sudhalata	...	Bethune College
1917	Nejma Rasul	...	Diocesan College
1918	Begam Sultan Muwayyidzada	...	Ditto
1919	{ Dutta, Sudha	...	Bethune College
	{ Duara, Gauriprava	...	Diocesan College

29

ABINASCHANDRA MEDAL.

In March, 1902, Babu Upendranath Mitra, M.A., B.L., Member of the Senate wrote to the Registrar stating that his grand daughter Srimati Surabala Dasi was desirous of making over to the University 3½ per cent. Government Securities for Rs. 2,500 for the purpose of founding a gold medal in memory of her

deceased husband, the late Babu Abinaschandra Mitra, B.L., Superintendent, Financial Department, Government of India, on the following conditions:—

(i) That the Medal be awarded annually to that successful candidate for the Degree of Bachelor of Arts who obtains the highest number of marks in Original Composition at the Examination for Honours in English.

(ii) That the Medal bear the words "Abinaschandra Medal" on one side and the University Arms on the other.

(iii) That the Medal be presented at the annual Convocation for conferring degrees.

(iv) That the names of the Medallists be published in University Calendar.

(v) That the Medal be awarded for the first time on the results of the B.A. Examination of 1902, if possible.

The offer was thankfully accepted by the Syndicate at their meeting held on the 12th March, 1902.

MEDALISTS.

1902	Ghosh, Praphullachandra	...	Presidency College
1903	Chakrabarti, Praphullakumar	...	Ditto
	Ghosh, Rabindranarayan	...	Ditto
1904	{ Mukhopadhyay, Nriyalal	...	Ditto
1905	Sarkar, Binaykumar	...	Ditto
	Chattopadhyay, Panchanan	...	Ditto
1906	{ Mitra, Jatischandra	...	Krishnath College, Berhampur
	Sing, E. C	...	Bishop's College
1907	Mukerjee, Victoria	...	Private Student
1908	{ Ray, Rabindranath	...	Presidency College
	Sen, Nepalchandra	...	Ditto
1909	Halder, Sudhindrakumar	...	Ditto
	Datta, Sukumar	...	Scottish Churches College
1910	{ Chakrabarti, Mukundakisor	...	Ditto
	Smellie, Benjamin A	...	Bishop's College
1911	{ Thamootheran, John Chelliah	...	Ditto
	Guha, Regina	...	Non-Collegiate Student
1912	Mitra, Panchanan	...	Ripon College
1913	Joana Lauder	...	Non-Collegiate Student
1914	Burke, Cora	...	Ditto
1915	Ray, Kumudbandhu	...	Ripon College
1916	Maitra, Somnath	...	Ditto
1917	Sen, Priyaranjan	...	Ravenshaw College
1918	Ruth. W Buckley	...	Diocesan College
1919	Barman, Kshitischandra	...	Dacca College.

BANKIMBIHARI SEN MEDAL.

Babu Preonath Mallik presented two Government Promissory Notes for Rs. 2,500 for the annual award of a medal on the following conditions:—

1. That a gold medal be annually awarded to the successful candidate for the Degree of Bachelor of Arts who obtains the highest number of marks in Mathematics.

2. That the Medal be called "The Bankimbihari Sen Medal" in memory of the donor's grandson, Babu Bankimbihari Sen, who was an undergraduate of the Calcutta University and who was cut off in the prime of life while a student of the Presidency College.

3. That the medal shall bear the words "Bankimbihari Sen Medal awarded to....." on one side and the University Arms on the other.

4. That the Medal be presented publicly every year at the annual Convocation for conferring degrees.

5. That the names of the Madallists be printed in the *Gazette* and in the University Calendar.

The offer was thankfully accepted by the Syndicate.

MEDALLISTS.

1905	Basu, Krishnabihari	...	Presidency College
1906	Bagchi, Bireswar	...	Ditto
1907	Mukhopadhyay, Kantichandra	...	General Assembly's Institution
1908	Bagchi, Haridas	...	Presidency College
1909	Chattopadhyay, Basantakumar	...	Ditto
1910	Purkayastha, Dineschandra	...	Ditto
1911	Modak, Satyendranath	...	Ditto
1912	Ghosh, Debaprasad	...	City College
1913	Shalam, Ralph F.	...	Scottish Churches College
1914	Ghosh, Bankimbihari	...	Ditto
1915	Ray, Lalitkumar	...	Ditto
1916	Ghosh, Jyotirmay	...	Presidency College
1917	Sarkar, Narendranath	...	Ditto
1918	Khaitan, Chandiprasad	...	Ditto
1919	Sen, Sukumar	...	Ditto

31

BISHNUPRIYA DEVI PRIZE.

On the 29th September 1892, Rai Gunabhiram Baruya, Bahadur, a Fellow of the University, forwarded to the Registrar, a Government Promissory Note for Rs. 300 for the purpose of instituting an annual prize of Books, to be called the "Bishnupriya Devi Prize" in memory of his deceased wife on condition that the same be awarded to the best successful B.A. candidate from Assam. The donation was thankfully accepted by the Syndicate at their meeting held on the 19th November, 1892.

PRIZE-WINNERS.

1892	Baruya, Ramakanta	...	General Assembly's Institution
1893	Sarma, Dwarkeswar	...	Ditto
1894	" Laksheswar	...	Presidency College [Duff College]
1895	Phukan, Radhanath	...	F. C of Scotland's Institution and
1896	Rajkhowa, Benudhar	...	Ripon College
1897	Sarma, Laskhiminath	...	Presidency College
1898	Bhattacharya, Annadacharan	...	Victoria College, Cooch-Behar
1899	Das, Bharatchandra	...	City College
1900	Baruya, Bhubanchandra	...	Metropolitan Institution
1901	Gogoi, Kanakchandra	...	Victoria College, Cooch-Behar
1902	Medhi, Kaliram	...	City College

1903	Das, Kohiram	...	Victoria College, Cooch-Behar
1904	Bharati, Debendranath	...	Ditto
1905	Baruya, Iswarprasad	...	Presidency College
1906	Das, Kesabchandra	...	St. Xavier's College
1907	Ataur Rahman	...	Presidency College
1908	Goswami, Saratchandra	...	Metropolitan Institution
1909	Chakrabarti, Sudhansusekhar	...	Presidency College
1910	" Hemantakumar	...	Ditto
1911	Chaliha, Taraprasad	...	Scottish Churches College
1912	" Padmadhar	...	Presidency College
1913	Bhuiyan, Suryyakumar	...	Ditto
1914	Habibur Rahman	...	Ditto
1915	Kakati, Banikantha	...	Ditto
1916	Das, Annadalkumar	...	Sanskrit College
1917	Handique, Krishnakanta	...	Ditto
1918	Duara, Sudhalata	...	Non-Collegiate Student
1919	Goswami, Monoranjan	...	Cotton College, Gauhaty.

32

CLINT MEMORIAL PRIZE.

In January, 1914, Babu Nilmani Kumar, on behalf of the subscribers to the Clint Memorial Fund, made over to the University $3\frac{1}{2}$ per cent. Government Promissory Notes of the nominal value of Rs. 300 and a 3 per cent. G. P. Note for Rs. 100 for the purpose of creating an endowment for the annual award of a Money Prize, in memory of the late Mr. Leonidas Clint, B.A., of the Education Department of Bengal and for many years a Fellow of this University, on the following conditions :—

1. That the Prize be called the "Clint Memorial Prize"
2. That it be awarded every year to the successful student, who being of Bengali race, obtains the highest number of marks in Ethics at the B.A. Examination of the year.
3. That the name of the Prize-winner be published in the University Calendar.

The donation was thankfully accepted by the Syndicate

PRIZE-WINNERS

1914	{ Chaudhuri, Brajendrakumar	...	Scottish Churches College
	{ De, Bipinbihari	...	Non-Collegiate Student
1915	Sinha, Jadunath	...	City College
1916	Ghosh, Prabhachandra	...	Presidency College
1917	Gangopadhyay, Charuchandra	...	Ditto
1918	Chakrabarti, Abanimohan, II	...	City College
1919	Sen, Saileswar	...	Scottish Churches College

33

ESHAN SCHOLARSHIP.

Babu Eshanchandra Bose, of Calcutta, bequeathed by his Will to the University, a sum of Rs. 12,000 in Government Securities of the 5 per cent. loan (reduced to $3\frac{1}{2}$) for the purpose of founding a Scholarship to be awarded annually in accordance with the terms specified in the following extract from the Will :—

"I direct my said Executors, immediately on my decease, if the same shall not be contributed during my lifetime to set apart out of my estate Government Securities of the late East India Company, or of the Government of India or both of them, for the amount of rupees twelve thousand, of some 5 per cent. loan, or otherwise, that my Executors shall immediately, after my decease, invest sufficient part of my estate in the purchase of similar Government Securities for rupees twelve thousand of 5 per cent. loan, so as to provide annual income of rupees six hundred,* and to endorse over and transfer the sum to the Government of Bengal or the President for the time being of the Syndicate of the Calcutta University subject to the trusts hereinafter mentioned concerning the same, that is to say, interest to found a Scholarship, in the Calcutta University, to be called 'Eshan's Scholarship,' to be awarded to the first scholar, being a Hindu, native of India on the B.A. list for the year in the order of merit, in consideration of his continuing his studies at the Calcutta Presidency College with a view to the attainment of the higher degree of M.A., and to be paid to him upon or in case of his attaining that degree, but not otherwise."

The Syndicate have laid down the following rules for the award of the Eshan Scholarship :—

(i) The competition for the Scholarship shall be confined only to candidates who have passed the B.A. Examination with honours.

(ii) In deciding who the "first scholar" is, only the marks awarded in the subject in which a candidate has obtained honours shall be considered.

SCHOLARS

1866	Mitra, Kartikchandra	1894	Chakrabarti, Saratkumar
1870	" Saradacharan	1896	Das, Saradaprasanna
1871	Basu, Isanchandra	1897	Mukhopadhyay, Harisadhan
1872	Ray, Rajaninath	1898	De, Krishaprasad
1873	Mukhopadhyay, Saratchandra	1899	Ray, Bipinchandra
1874	Lahiri, Prasannakumar	1901	Datta, Bibhubhushan
1875	Sarkar, Nilkanta	1903	Majumdar, Rampada
1876	Gupta, Bipinbihari	1904	Ghosh, Rabindranarayan
1877	Sarkar, Chandrasekhar	1905	Sarkar, Binaykumar
1878	Agasti, Suryyakumar	1906	Rajendra Prasad
1879	Ray, Atulkrishna	1907	Sanyal, Girijaprasanna
1880	Chattopadhyay, Digambar	1908	Bandyopadhyay, Sitapati
1881	Chandra, Aghornath	1909	Chattopadhyay, Basantakumar
1882	Majumdar, Ramchandra	1910	Bandyopadhyay, Srikumar
1883	Ray, Mahendranath	1911	Raychaudhuri, Hemchandra
1884	Mukhopadhyay, Asutosh	1912	Ghosh, Debaprasad
1885	Sinha, Jogindrakumar	1913	Sinha, Jogischandra
1886	Majumdar, Syamaprasanna	1914	De, Bipinbihari
1887	Bandyopadhyay, Lalitkumar	1915	Ray, Lalitkumar
1888	Majumdar, Upendralal	1916	Ghosh, Jyotirmay
1889	Ghatak, Mohinikanta	1917	Sarkar, Narendranath
1891	Mukhopadhyay, Nandalal	1918	Khaitan, Chandiprasad
1893	Sen, Priyanath	1919	Mitra, Rashbehari

GANGAMANI MEDAL

Babu Amritlal Mukerjee, of the Provincial Civil Service, Executive Branch made over to the University a 3 per cent. Government Promissory Note for Rs. 500 for the purpose of creating an endowment for the annual

*The present value of the scholarship is Rs. 480.

award of a silver medal in memory of his mother, Sreemati Gangamani Debi, who died on the 3rd October, 1902, on the following conditions :—

1. That an annual silver medal be instituted bearing the words "Gangamani Debi Medal, Behala, awarded to... ..year" on one side and the University Arms on the other.

2. That the medal be presented publicly every year at the annual convocation for conferring degrees to the student who obtains the highest number of marks in Sanskrit in the B.A. Examination from the Presidency and the Sanskrit Colleges provided he gets no other medal in the same subject, in which case the medal is to be awarded to the next best student.

3. That the names of the medallists be printed in the University Calendar and also in the *Gazette*.

The offer was thankfully accepted by the Syndicate at their meeting held on the 21st November, 1903

MEDALLISTS

1904	Duttagupta, Sureshchandra	...	Presidency College
1905	Maitra, Manoranjan	...	Ditto
1906	Lahiri, Nabakumar	...	Ditto
1908	Bhaumik Surendramohan	...	Ditto
1909	Mitra Bibhutibhushan	...	Ditto
1910	Bhattacharyya, Surendranath	...	Sanskrit College
1911	Bandyopadhyay, Sibadas	...	Ditto
1912	Dasgupta, Atulchandra	...	Ditto
1913	Guha, Jitendranath	...	Presidency College
1914	Bhattacharyya, Kamalkrishna	...	Sanskrit College
1915	Bandyopadhyay, Anantaprasad	..	Ditto
1916	Gupta, Chattunlal	...	Ditto
1917	Bhattacharyya, Saratchandra	...	Ditto
1918	Majumdar, Nanigopal	...	Ditto
1919	Bhattacharyya, Purnachandra	..	Ditto

35

GANGAPRASAD MEDAL.

The Hon'ble Sir Asutosh Mukhopadhyay, Kt., C.S.I., made over to the University Government Securities for Rs. 2,500 on the following conditions :—

1. That a gold medal be annually awarded to that successful candidate of the degree of Bachelor of Arts or Science who obtains the highest number of marks in the First Class in Physics or Chemistry at the Examination for Honours in these subjects.

2. That the names of the medallists be published in the Calendar.

3. That the medal be called the "Gangaprasad Medal" in memory of his father, the late Dr. Gangaprasad Mukherjee, who was one of the earliest graduates of this University, and founded one of its endowments.

The offer was thankfully accepted by the Syndicate.

MEDALLISTS.

1901	Datta, Bidhubhushan	...	Presidency College
1903	Niyogi, Panchanan	...	Metropolitan Institution

1907	Sen, Suryyanarayan	...	Duff College
1908	Basu, Birendrakumar	...	Presidency College
1909	Jana, Saratchandra	...	Ditto
1910	Datta, Rasiklal	...	Ditto
1911	Bhattacharyya, Upendrachandra	...	Ditto
1912	Bandyopadhyay, Durgapada	...	Ditto
1913	Ghosh, Jnanendrachandra	...	Ditto
1914	Sarkar, Surendranath	...	Scottish Churches College
1915	Basu, Nagendranath	...	Ditto
1916	Mukhopadhyay, Sitalchandra	...	St. Xavier's College
1917	Chattopadhyay, Kshitiprasad	...	Presidency College
1918	Sarkar, Indubhushan	...	Cotton College
1919	Datta, Sikhibhusan	...	Dacca College

36

HARISCHANDRA PRIZE.

Raja Harischandra Chaudhuri, a Zemindar of Mymensingh, made over to the University a 6 per cent. Municipal Debenture Bond for Rs. 2,000 in order to found a prize, to be called the "Harischandra Prize" to be awarded to the best student in Mathematics, at the B.A. or B.Sc. Honours Examination of the year, being a Hindu native of Bengal, in consideration of his prosecuting his studies in Mathematics with a view to the attainment of the higher degree of M.A. or M.Sc. and to be paid to him upon his attaining that degree in that subject, but not otherwise.

PRIZEMEN.

1878	Agasti, Suryyakumar	...	Presidency College
1879	Datta, Krishnalal	...	Ditto
1880	Chattopadhyay, Ramnath	...	Ditto
1881	Basu, Kalipada	...	Ditto
1883	Ray, Mahendranath	...	Ditto
1884	Mukhopadhyay, Anutosh	...	Ditto
1885	Ray, Satischandra	...	Ditto
1886	Basu, Abinashchandra	...	Ditto
1887	Karfarma, Suryyakumar	...	General Assembly's Institution
1888	Bhattacharyya, Manindranath	...	Presidency College
1889	Ghatak, Mohinikanta	...	Ditto
1892	Biswas, Rakhelraj	...	Krishnagar College
1893	Raychaudhuri, Muralidhar	...	Presidency College
1894	Mitra, Bhupendranath	...	Ditto
1896	Sengupta, Kalimohan	...	Ditto
1897	Mukhopadhyay, Harisadhan	...	Ditto
1898	De, Krishnaprasad	...	General Assembly's Institution
1899	{ Ray, Baikunthachandra	...	Ripon College
	{ Gangopadhyay, Phanindralal	...	B. N. College, Bankipur
1901	Bandyopadhyay, Bankimdas	...	Presidency College
1903	Das, Amarendranath	...	Ditto
1904	Gangopadhyay, Subodhchandra	...	Duff College
1905	Basu, Krishnabihari	...	Presidency College
1906	Bagchi, Bireswar	...	Ditto
1907	Mukhopadhyay, Kantichandra	...	General Assembly's Institution
1908	Bagchi, Haridas	...	Non-Collegiate Student
1909	Chatterjee, Basantakumar	...	Presidency College
1910	Bagchi, Kalidas	...	Ditto
1911	Modak, Satyendranath	...	Ditto

1912	Ghosh, Debaprasad	...	City College
1913	Basu, Satyendranath	...	Presidency College
1914	Mandal, Bibhutibhushan	...	Scottish Churches College
1915	Sinha, Harischandra	...	Presidency College
1916	Sengupta, Birendranath	...	Ditto
1917	Mallik, Phanilal	...	Ditto
1918	Ghosh, Sudhodan	...	Ditto
1919	Acharyya, Purnachandra	...	Ditto

37

HEMANTAKUMAR MEDAL.

On the 5th November, 1887, Dr. Ganga, Persad Mookerjee, of Bhowanipur, made over to the University three Government Securities of the 4 per cent. loan of 1865 (reduced to $\frac{3}{4}$) to the value of Rs 2,500 in memory of his son, Hemantakumar, who having been born on the 16th December, 1866, and graduated as Bachelor of Arts with Honours in Philosophy and Sanskrit in 1887, died of fever on the 1st November, 1887; the conditions under which the endowment was accepted are as follows:—

1. That an annual gold medal, to be called the Hemantakumar Gold Medal, be instituted bearing the words "Hemantakumar Medal awarded to... .." on the side, and the University Arms on the other.

2. That the medal be presented publicly every year at the annual Convocation for conferring degrees, to that one of the successful candidates for the degree of Bachelor of Arts who obtains the highest number of marks in the subjects appointed for Honours in Mental and Moral Science.

3. That the name of the medallists be printed in the *Gazette* and in the University Calendar,

MEDALLISTS.

1888	{ Brij Nandan Prasad	...	Muir Central College
	{ Chattopadhyay, Rakhaldas	...	Presidency College
	{ Datta, Hirendranath	...	Ditto
1889	Chaudhuri, Pramathanath	...	Presidency College
1890	Platel, J.	...	St. Xavier's College
1891	Mukhopadhyay, Nandalal	...	Presidency College
1892	Majumdar Haripada	...	Metropolitan Institution [Duff College
1893	Chakrabarti, Jogendrachandra	...	F. C. of Scotland's Institution and
1894	" Saratkumar	...	Presidency College [Duff College
1895	Das Nimaichandra	...	F. C. of Scotland's Institution and
1896	Mukhopadhyay, Jyotindranath	...	Presidency College
1897	Basu, Hemchandra	...	Ditto
1898	Lahiri, Ranajitchandra	...	Ditto
1899	Ray, Prabodchandra	...	Patna College
1900	" Tarakchandra	...	General Assembly's Institution
1901	Guha, Lalitchandra	...	Presidency College [Duff College
1902	Mukhopadhyay, Pramathanath	...	F. C. of Scotland's Institution and
1903	Chakrabarti, Praphullakumar	...	Presidency College
1904	Ghosh, Rabindranarayan	...	Ditto
1905	Gupta, Atulchandra	...	Ditto
1906	Bandyopadhyay, Sitaram	...	Ditto
1907	Ghoshal, Girijabhushan	...	General Assembly's Institution
1908	Ray, Bipinbihari	...	Ravenshaw College

*Prizes were awarded in lieu of medal.

1909	Chakrabarti, Kumudbandhu	...	Victoria College, Cooch-Behar
1910	Sarkar, Ambajaksha	...	Presidency College
1911	Maitra, Sustilkumar	...	Scottish Churches College
1912	Roy Rowland Thomas	...	Ditto
1913	Bandyopadhyay, Rabindranath	..	Ditto
1914	De, Bipinbihari	...	Non-Collegiate Student
1915	Brahma, Nalinikanta	...	Scottish Churches College
1916	Das, Sarojkumar	...	Presidency College
1917	Mitra, Suhritchandra	..	Scottish Churches College
1918	Chakrabarti, Abanimohan, II	..	City College
1919	Bandyopadhyay, Satyendramohan	...	Presidency College

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()

HERSCHEL MEDAL.

The Committee of the Herschel Testimonials Fund made over to the University a sum of Rs. 1,800 in 4 (reduced to 3½) per cent. Government Promissory Notes on the following conditions:—

1. That an annual gold medal be instituted, bearing the words "Herschel Medal" on one side.
2. That the medal be presented publicly every year at the annual Convocation for conferring degrees to that one of the successful candidates for the degree of Bachelor of Arts or Science who obtains the highest number of marks in the subjects appointed for Honours in Mathematics.

MEDALLISTS.

1881	Chandra, Aghornath	..	Presidency College
1882	Das, Radhagobinda	..	Ditto
1883	Set, Gobindalal	..	Ditto
1884	Sen, Narayanchandra	..	Ditto
1885	Ray, Satischandra	...	Ditto
1886	Basu, Abinashchandra	..	Ditto
1887	Karfarma, Suryyakumar	...	General Assembly's Institution
1888	Bhattacharyya, Manindranath	..	Presidency College
1889	Ghatak, Mohinikanta	..	Ditto
1890	De, Kiranchandra	...	Ditto
1891	Ray, Charuchandra	...	Ditto
1892	Biswas, Rakhalraj	...	Krishnagar College
1893	Raychaudhuri, Muralidhar	..	Ditto
1895	Pal, Jogindranath	..	Ditto
1896	Sengupta, Kalimohan	..	Presidency College
1897	Mukhopadhyay, Harisadhan	..	Ditto
1898	De, Krishnaprasad	..	General Assembly's Institution
1899	{ Ray, Baikunthachandra	..	Ripon College
1899	{ Gangopadhyay, Phanindralal	..	B. N. College, Bankipur
1900	Ghosh, Mahimchandra	...	Presidency College
1901	Badyopadhyay, Bankimdas	..	Ditto
1902	De, Birendranath	..	Ditto
1903	Das, Amarendranath	..	Ditto [Duff College
1904	Gangopadhyay, Subodhchandra	..	F. C. of Scotland's Institution and
1905	Basu Krishnabihari	...	Presidency College
1906	Bagchi, Bireswar	...	Ditto
1907	Mukhopadhyay, Kantichandra	...	General Assembly's Institution
1908	Bagchi, Haridas	...	Presidency College
1909	Chattopadhyay, Basantakumar	..	Ditto

1910	Bagchi, Kalidas	...	Presidency College
1911	Abdus Sobhan Mahmood	...	Ditto
1912	Ghosh, Debaprasad	...	City College
1913	Basu, Sateydranath	...	Presidency College
1914	Mandal, Bibhutibhushan	...	Scottish Churches College
1915	Sinha, Harishchandra	...	Presidency College
1916	Sengupta, Birendranath	...	Ditto
1917	Mallik, Phanilal	...	Ditto
1918	Ghosh, Suddhodhan	...	Ditto
1919	Acharya, Purnachandra	...	Ditto

39

JYOTISHCHANDRA MEDAL.

In August, 1901, Babu Gobindachandra Basu, a retired Judicial Officer made over to the University a 3½ per cent Government Promissory Note for Rs. 500, for the purpose of creating an endowment for the annual award of a silver medal in memory of his son, Jyotishchandra Basu, who died on the 7th December 1900, on the following conditions —

1. That an annual silver medal be instituted, bearing the words “Jyotishchandra Basu Medal awarded to.....year.....” on one side, and the University Arms on the other.

2. That the medal be presented publicly every year at the annual Convocation for conferring degrees to the student who obtains the highest number of marks in Sanskrit in the B.A. Honours Examination, provided he gets no other medal in the same subject, in which case the medal is to be awarded to the next best student.

3. That the names of the medallists be printed in the University Calender and also in the *Gazette*.

MEDALLISTS.

1902	Basu, Hemantakumar	...	Rajchandra College, Barisal
1903	Daw Madhao Narayan	...	Morris College
1904	Sengupta, Kshirodchandra	...	Krishnagar College
1905	Sinha, Nandalal	...	General Assembly's Institution
1906	Dasgupta, Surendranath	...	Metropolitan Institution
1907	Mukhopadhyay, Prakaschandra	...	Presidency College
1908	Ghosal, Saratchandra	...	General Assembly's Institution
1910	Bandyopadhyay, Gaurinath	...	Scottish Churches College
1911	Chattopadhyay, Bholanath	...	Krishnath College, Berhampur
1912	Bhattacharyya, Surendranath	...	Hughli College
1913	Ghosh, Jotindramohan	...	Sanskrit College
1914	Phattacharyya, Bamanachandra	...	Metropolitan Institution
1915	Ghatak, Jyotishchandra	...	Bangabasi College
1916	Chattopadhyay, Kshitishchandra	...	City College
1917	Karmakar, Ramsasi	...	Wesleyan College, Bankura
1918	Desarkar, Mahendrakumar	...	Jagannath College, Dacca
1919	Datta, Dhirendramohan	...	Non-Collegiate Student.

40

KING GEORGE AND QUEEN MARY CORONATION DURBAR MEDAL

In December, 1913, Sahebzada Md. Ahmed Shah made over to the University on behalf of the members of the Mysore family and the Mysore Family Association, a sum of Rs 1000 for the purpose of creating an endowment for the annual award of a silver medal, rimmed with gold in commemoration of the Coronation Durbar of King George and Queen Mary at Delhi, on the following conditions:—

1. That the medal be awarded every year to the best successful candidate who obtains the highest number of marks in Arabic or Persian at the B.A. Examination of the year.

2. That the bear the words "King George and Queen Mary Medal founded by the Mysore Family and its Association, awarded to... 19..." on one side and the University Arms on the other.

The offer was thankfully accepted by the Syndicate.

1915	Abdul Mannan	...	Patna College
1916	Abu Usman Khalid	...	Ditto
1917	Ahmed Abdul Wahab	...	Non-Collegiate Student
1918	S. Mahammad Sirajul Islam	...	Dacca College
1919	Ahmed Masihudawlah	...	Chittagong College

41

KSHETRAMOHAN CHATTERJEE MEDAL

Babu Charuchandra Chatterjee made over to the University Government from his Notes of the nominal value of Rs. 1,500 for the purpose of creating an endowment for the annual award of a gold medal to commemorate the memory of his father, the late Babu Kshetramohan Chatterjee, on the following conditions:—

1. That the medal be awarded to the student who stands first at the M.A. Examination in English

2. That the medal bear the words "Kshetramohan Chatterjee gold medal awarded to....." on one side and the University Arms on the other.

3. That it be publicly awarded at the annual Convocation for conferring degrees.

4. That the names of the Medallists be printed in the University Calendar and also in the *Gazette*.

MEDALLISTS.

1910	Chattopadhyay, Narendranath	..	Presidency College
1911	Khiton, Kaliprasad	...	Ditto
1912	Bandyopadhyay, Srikumar	...	Ditto
1913	Chattopadhyay, Sunitikumar	...	Ditto
1914	Datta, Rabindramohan	...	Ditto
1915	Bhattacharyya, Manjugopal	...	University Student
1916	" " Gopalchandra, I	...	Ditto
1917	Ray, Kumudbandhu	...	Presidency College
1918	Ray, Suhaschandra	...	Non-Collegiate Student
1919	Mukhopadhyay, Ramaprasad	...	University Student (Presidency College)

42

MANMATHANATH BHATTACHARYYA GOLD MEDAL.

Mr. K. L. Dutt, Honorary Secretary and Treasurer, Manmathanath Bhattacharyya Memorial Fund, placed at the disposal of the University 4 per cent. Calcutta Municipal Debentures of the nominal value of Rs. 1,500 for the purpose of creating an endowment for the annual award of a gold medal in memory of the late Babu Manmathanath Bhattacharyya, M.A., on condition that the medal be awarded to the candidate securing the first place in the B.Sc. Examination of the year.

The donation was thankfully accepted by the Syndicate.

MEDALLISTS.

1911	Abdus Subhan Mahmood	...	Presidency College
1912	Bandyopadhyay, Durgapada	...	Ditto
1913	Basu, Satyendranath	...	Ditto
1914	Mandal, Bibhutibhushan	...	Scottish Churches College
1915	Sinha, Harishchandra	...	Presidency College
1916	Sengupta, Birendranath	...	Ditto
1917	Mailik, Phanilal	...	Ditto
1918	Ghosh, Suddhodhan	...	Ditto
1919	Acharya, Purnachandra	...	Ditto

43

McCANN MEDAL.

The McCann Memorial Committee, on the 15th January, 1885, made over to the University a 4 per cent. Government Promissory Note (reduced to 3½) for Rs. 500 on the following conditions:—

1. That an annual Silver Medal be instituted bearing the words "McCann Medal awarded to....." on one side, and University Arms on the other.
2. That the medal be presented publicly every year at the annual Convocation for conferring degrees to that student who obtains the highest number of marks in the B.A. or B.Sc. Examination for Honours in Mathematics among the successful Presidency College students, and who gains no other University Prize, Scholarship or Medal for Mathematics at that examination.
3. That the names of the Medallists be printed in the University Calendar.

MEDALLISTS.

1885	Bandyopadhyay, Nriyagopal	1902	Ray, Niranjan
1886	Mitra, Srischandra	1903	Gupta, Kisorimohan
1887	Chattopadhyay, Jyotiprasad	1904	Mukhopadhyay, Hiralal
1888	Bandyopadhyay, Rakhaimohan	1905	Lala, Asutosh
1889	Mitra, Jyotischandra	1906	Sen, Manoranjan
1890	Niyogi, Bhabaniprasad	1907	Kar, Satischandra
1891	Biswas, Upendranath	1908	Basu, Birendrakumar
1892	Bandyopadhyay, Dhanapati	1909	Bagchi, Satinath
1893	Sarkar, Kshitischandra	1910	Gangopadhyay, Surendramohan
1894	Chakrabarti, Jnansaran	1911	Chattopadhyay, Sanatkumar
1895	Bhattacharyya, Rasikmohan	1912	Bandyopadhyay, Sudhansukumar
1896	Deb, Manmathakrishna	1913	Saha, Meghnad
1897	Datta, Saratchandra	1914	Ghosh, Charuchandra
1898	Chakrabarti, Rebatimohan	1915	Chattopadhyay, Sarojkumar
1899	Sengupta, Debendranath	1916	Das, Panchanan
1900	Gangopadhyay, Saradakanta	1917	Basu, Nalinikanta
1901	Datta, Bidhubhushan	1918	Majumdar, Sudhirkumar
		1919	Dasgupta, Sudhansubimal

44

N. N. GHOSH MEDAL.

Raja Binay Krishna Deb, Bahadur, President and Treasurer, N. N. Ghose Memorial Fund, made over to the University the balance at credit of the fund amounting to Rs 1,000 in 4 per cent. Municipal Debentures for the purpose of creating an endowment for the annual award of a medal either gold or silver according to the income of the endowment on the following conditions.—

1. That an annual (gold or silver) medal be instituted bearing the words "N. N. Ghose Medal, awarded to....." on one side and the University Arms on the other.

2. That the medal be presented publicly every year at the annual Convocation for conferring degrees to the student, who obtains the highest number of marks in the B.A. Examination for Honours in Political Economy and Political Philosophy and that if there be no successful student in the Honours Course in that subject in any particular year, the medal be awarded to that student who obtains the highest number of marks in the subject in the Pass Course.

3. That the names of the medallists be published in the University Calendar.

The donation was thankfully accepted by the Syndicate

MEDALLISTS.

1911 Chaudhuri, Praphullachandra	...	Presidency College
1912 Das, Gobindachandra	...	Scottish Churches College
1913 Sinha, Jogisachandra	...	Presidency College
1914 Ray, Jaminiprasanna	...	Dacca College
1915 Sengupta, Mohitkumar	...	Presidency College
1916 Dutta, Birendrachandra	...	Ditto
1917 Nandi, Sudhindrakumar	...	Scottish Churches College
1918 De, Hirendralal	...	Presidency College
1919 Sen, Ajitkumar	...	Ditto

45

PADMAVATI MEDAL.

On the 4th December, 1888, Sir Rashbehari Ghose made over to the University two Government Promissory Notes of 5 (reduced to 3½) per cent. loan of 1865, of the value of Rs 2,500, in memory of his mother Srimati Padmavati, on the following conditions:—

1. That an annual gold medal be instituted bearing the inscription "Padmavati Medal awarded to....." on one side and the University arms on the other.

2. That the medal be presented every year at the annual Convocation for conferring degrees to a lady candidate for the degree of Bachelor of Arts, who, being a native of Bengal is admitted to that degree, and when there are more than one so admitted, to the graduate who obtains the highest number of marks.

3. That the names of the medallists be published in the University Calendar.

MEDALLISTS

1890	Ghosal, Sarala	...	Bethune College
1891	Datta, Jibanbala	..	Ditto
1892	Tagore, Indira	..	Private Student
1893	Ghosh, Surabala	...	Bethune College
1894	Rakshit, Saralabala	...	Ditto
1895	Cohen Matilda	...	Private Student
1896	Sen, Premkusum	...	Bethune College
1897	„ Sarala	...	Ditto
1898	Gupta, Margaret	..	Doveton College
1899	Majumdar, Snehalata	..	Bethune College
1900	Palit, Lilian	...	Private Student
1901	Basu, Rajkumari	...	Bethune College
1902	„ Hridaybala	..	Ditto
1903	Mittra, Kumudini	...	Ditto
1905	Singh, Mabel	...	Private Student
1906	Basu, Kamala	...	Ditto
1907	Mukherjee, Victoria	..	Ditto
1908	Ganguli, Jyotirmayi	...	Bethune College
1909	Rakshit, Sobhanbala	..	Ditto
1910	Bonnerjee, Marie	..	Ditto
1911	Guha, Regina	..	Non-Collegiate Student
1912	Kay, Nirmala	...	Bethune College
1913	Guha Hannah	...	Diocesan College
1914	Chattopadhyay, Santa	...	Bethune College
1915	Guha, Kitty	...	Diocesan College
1916	Hajra, Parimal	..	Ditto
1917	Dasgupta, Swarnaprabha	..	Bethune College
1918	Chatterjee Suniti	..	Diocesan College
1919	Hortense, Marian Rahi	...	Ditto

46

PEARYCHAND MITRA MEDAL.

The Pearychand Mitra Testimonial Committee, on the 7th May, 1886, made over to the University of Calcutta a 4 (reduced to 3½) per cent. Government Promissory Note for Rs. 500 on the following conditions:—

1. That an annual silver medal be instituted, bearing the words "Pearychand Mitra Medal" on one side and the University Arms on the other.
2. That the medal be presented publicly every year at the annual Convocation for conferring degrees to the successful student who obtains the highest number of marks in Philosophy in the Honours Course at the B.A. Examination, provided he gets no other medal; in the case that medal is to be awarded to the next best student.
3. That the names of the medallists be printed in the University Calendar and also in the *Gazette*.

MEDALLISTS.

1886	Majumdar, Syamaprasanna	...	Presidency College
1887	Chakrabarti, Lalgopal	...	Ditto

1888	{ Brij Nandan Prasad ...	Muir Central College	
	{ Chattopadhyay, Rakhalda ...	Presidency College	
	{ Datta, Hirendranath ...	Ditto	
1889	Hajra, Brajadurlabh ...	Ditto	
1890	Bhattacharyya, Mahimanath ...	Ditto	
1891	Bandyopadhyay, Albion Rajkumar ...	Ditto	[College]
1892	Chattopadhyay, Jyotirmay ...	F. C. of Scotland's Institution and	Duff
1893	Bandyopadhyay, Nirmalchandra ...	Presidency College	
1894	Sinha, Charuchandra, II ...	Ditto	
1895	Sarkar, Hemchandra ...	Ditto	[College]
1896	Bandyopadhyay, Amulyadhan ...	F. C. of Scotland's Institution and	Duff
1897	Datta, Pramathanath ...	City College	
1898	Ghosh, Nagendranath ...	Presidency College	[College]
1899	Bandyopadhyay Jatindramohan ...	F. C. of Scotland's Institution and	Duff
1900	De, Jatindramohan ...	Presidency College	
1901	Sengupta, Nareschandra ...	Ditto	
1902	Basu, Surendranath ...	Ditto	
1903	Banbery, H. ...	Teacher	
1904	Kundu, Surendranath ...	B. M. Institution, Barisal	
1905	Ghosh Khargasinha ...	Private Student	
1906	Sarkar, Binodbihari ...	Presidency College	
1907	Biswas, Charuchandra ...	Ditto	
1908	Sibeswar Dayal ...	B. N. College, Bankipur	
1909	Gangopadhyay, Narendrachandra ...	Presidency College	
1910	Jacob, Alfred Gladwin ...	Bishop's College	
1911	Bhattacharyya, Berendralal ...	Scottish Churches College	
1912	Chakrabarti, Jitendrakanta ...	Ditto	
1913	{ Chandra, Kamalchandra ...	Presidency College	
	{ Sanyal, Prabodhchandra ...	Scottish Churches College	
1914	Nandi, Aswinikumar ...	City College	
1915	Ray, Bholanath ...	Presidency College	
1916	Ghosh Prabhaschandra ...	Ditto	
1917	Mukhopadhyay, Gangacharan ...	Scottish Churches College	
1918	Chandra, Abhaypada ...	Presidency College	
1919	Rakhit, Benoybhusan ...	Scottish Churches College	

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PHILIP SAMUEL SMITH PRIZE.

On the 20th September, 1888, the Honorary Secretaries to the Philip Samuel Smith Memorial Fund, made over to the University a sum of Rs. 990-4 on the following conditions :—

1. That an annual prize of books be awarded to the Students who obtains the highest number of marks in Ethics and Natural Theology in the B.A. Honours Examination.
2. That the names of the prize-winners be published in the University Calendar.

PRIZE-WINNERS.

1891	Bandyopadhyay, Albion Rajkumar	Presidency College	
1892	Majumdar, Haripada ...	Metropolitan Institution	[College]
1893	Chakrabarti, Jogendrachandra ...	F. C. of Scotland's Institution and	Duff
1894	Chakrabarti, Saratkumar ...	Presidency College	

•Prizes were awarded in lieu of medal.

1895	Bhattacharyya, Krisnachandra	...	Presidency College
1896	Mukhopadhyay, Jatindranath	...	Ditto
1897	Basu, Hemchandra	...	Ditto
1898	Ghosh, Nagendranath	...	Ditto
1899	Ray, Prabodhchandra	...	Patna College
1900	De, Jatindramohan	...	Presidency College
1901	Guha Lalitchandra	...	Ditto [Duff College
1902	{ Mukhopadhyay Pramathanath	...	F. C. of Scotland's Institution and
	{ Sen, Suryakanta	...	Presidency College
1903	Chakrabarti, Praphullakumar	...	Ditto
1904	Ghosh, Rabindranarayan	...	Ditto
1905	Ghosh, Khargasinha	...	Private Student
1906	Bandyopadhyay, Sitaram	...	Presidency College
1907	Ghoshal, Giripadhusan	...	General Assembly's Institution
1908	Ray, Bipinbihari	...	Ravenshaw College
1909	Chakrabarti, Kumudbandhu	...	Victoria College, Cooch-Behar
1910	Ray, Satishchandra	...	Presidency College
1911	Maitra, Susilkumar	...	Scottish Churches College
1912	Roy, Rowland Thomas	...	Ditto
1913	Bandyopadhyay, Rabindranath	...	Ditto
1914	De, Bipinbihari	...	Non-Collegiate Student
1915	Sinha, Jadunath	...	City College
1916	Ghosh, Prabhaschandra	...	Presidency College
1917	Mitra, Suhrichandra	...	Scottish Churches College
1918	Chakrabarti, Abanimohan, II	...	City College
1919	Basu, Subhaschandra	...	Scottish Churches College

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PRATAPCHANDRA MAJUMDAR MEDAL.

In November, 1908, the Honorary Secretary to the Pratapchandra Majumdar Memorial Fund made over to the University G. P. Notes of the nominal value of Rs. 1,500 for the purpose of creating an endowment for the annual award of a gold medal to be called the "P. C. Majumdar Memorial Medal" to be awarded at the annual Convocation of the University to the student who obtains the highest number of marks in Natural Theology at the B.A. Honours Examination in Philosophy.

MEDALLISTS.

1909	Chakrabarti, Kumudbandhu	...	Victoria College, Cooch-Behar
1910	Jacob, Alfred Gladwin	...	Bishop's College
1911	Maitra, Susilkumar	...	Scottish Churches College
1912	Roy, Rowland Thomas	...	Ditto
1913	Sen, Priyanath	...	Ditto
1914	De, Bipinbihari	...	Non-Collegiate Student
1915	Brahma, Nalinikanta	...	Scottish Churches College
1916	Raychaudhuri, Sudhirranjan	...	Presidency College
1917	Mukhopadhyay, Gangacharan	...	Scottish Churches College
1918	Chakrabarti, Abanimohan, II	...	City College
1919	{ Basu, Subhaschandra	...	Scottish Churches College
	{ Syed Abdul Majid	...	Rajshahi College

PRASANNAKUMAR SARBADHIKARI MEDAL.

The Prasannakumar Sarbadhikari Memorial Committee, on the 20th March 1891, made over to the University of Calcutta two 5 per cent. Municipal Debentures for Rs 1,500 on the following conditions:—

1. That an annual gold medal be instituted bearing the words "Prasannakumar Sarbadhikari Medal" on one side and the University Arms on the other.
2. That the medal be presented publicly every year at the annual Convocation for conferring degrees to the successful student who obtains the highest number of marks in Sanskrit in the Honours Course of the B.A. Examination of the year, and who gets no other medal, provided he pursues his studies in some well-organised institution for the M.A. degree.
3. That the names of the medallists be printed in the University Calendar.

MEDALLISTS

1891	Narayan Dajiba Wadegaonkar	...	Hislop College, Nagpur
1892	Acharyya. Satischandra	..	Krishnagar College
1893	Bhattacharyya, Debabrata	..	Presidency College
1894	Ghosh, Dakhinaranjan	..	Ditto
	Bandyopadhyay, Saratchandra	...	Ditto
1895	Sen, Kaminikumar	...	Dacca College
1896	Chakrabarti, Banamali	..	Presidency College
1897	" Haridas	..	Ditto
1898	Ray, Trailokyanath	...	Ditto
1899	Laskar, Gangamohan	..	Dacca College
1900	Basu Mapisnath	...	Presidency College
1901	Dhar, Mukundlal	...	Dacca College
1902	Ghoshal, Panchanan	..	Presidency College
1903	Datta, Rabindranath	...	Ditto
1904	Dattagupta, Akshaykumar	..	Ditto
1905	Sen, Satyenderanath	...	Ditto
1906	Ray, Karunamay	..	City College
1907	Chakrabarti, Kumudchandra	...	Presidency College
1908	Bhattacharyya, Pasupatinath	..	Ditto
1909	Bhaumik, Mokshadacharan	..	Rajshahi College
1910	Chattopadhyay, Jatindramohan	..	Dacca College
1911	Chakrabarti, Abhayacharan	..	Jagannath College
1912	Mukhopadhyay Hiranlal	...	Pre-idency College
1913	Chattopadhyay, Hanimbhushan	...	Scottish Churches College
1914	Mal, Pasupati	..	Wesleyan Mission College, Bankura
1915	Mukhopadhyay, Amritaranjan	...	Presidency College
1916	" Satkari	...	Sanskrit College
1917	Handiqui, Krisnakanta	...	Ditto
1918	Mukhopadhyay, Satyakinkar	...	Wesleyan College, Bankura
1919	Ghatak, Jogeschandra	...	Jagannath College, Dacca

RADHAKANTA MEDAL.

The subscribers to the Radhakanta Memorial Fund made over to the University the residue of the Fund, after providing for the bust and portrait of the deceased Raja, amounting to Rs. 2,000 in Municipal Debentures, with a

request, that the annual interest on the Debentures might be applied "In awarding a gold medal to the best Sanskrit scholar among the successful candidates for the degree of B.A. of each year."

At the annual meeting of the Senate in 1873, this benefaction was thankfully accepted.

It was decided by the Syndicate at their meeting, held on the 23rd May, 1908, that the competition of the Medal be confined only to candidates who have passed the B.A. Examination with Honours in Sanskrit.

MEDALLISTS.

1874	Lahiri, Prasannakumar	...	Presidency College
1875	Das, Jnanendranath	...	Ditto
1876	Bhattacharyya, Haraprasad	...	Ditto
1877	Chaudhuri, Prasannanarayan	...	Free Church Institution
1878	Nag, Kunjalal	...	General Assembly's Institution
1879	Basu, Kedarnath	...	Ditto
1880	Mukhopadhyay Ramprasanna	...	Presidency College
1881	Lahiri, Harihar	...	Ditto
1882	Bandyopadhyay, Rajendrachandra	...	Ditto
1883	Umacharan	...	Dacca College
1884	Kalikrishna	...	Presidency College
1885	Kabiraj, Baikunthanath	...	General Assembly's Institution
1886	Bhattacharyya, Janakinati	...	City College
1887	Bandyopadhyay, Lalitkumar	...	Metropolitan Institution
1888	Datta, Hirendranath	...	Presidency College
1889	Chakrabarti, Himansunath	...	Ditto
1890	Bhattacharyya, Asutosh	...	Ditto
1891	Misra, Ramballabh	...	Patna College
1892	Mukunda Raghava Pathak	...	Hislop College, Nagpur
1893	Sen, Priyanath	...	Presidency College
1894	Chakrabarti, Brajalal	...	Ditto
1895	Guha, Abinaschandra	...	Ditto
1896	Gangopadhyay, Haricharan	...	Ditto
1897	Chattopadhyay, Dineschandra	...	Ditto
1898	Goswami, Bhagabatkumar	...	Ditto
1899	Ray, Bipinchandra	...	Dacca College
1900	Punde Ramavatar Sarma	...	Teacher
1901	Bandyopadhyay, Bhageschandra	...	Presidency College
1902	Ray, Debendranath	...	Ditto
1903	Mallik Girindranarayan	...	Ditto
1904	Sengupta, Haripada	...	Bangabasi College
1905	Sen, Manibhusan	...	Presidency College
1906	Bhattacharyya, Jatindranath	...	Ditto
1907	Ray, Hemchandra	...	Bangabasi College
1908	Majumdar, Surendranath	...	Presidency College
1909	Das, Bhagirathchandra	...	City College
1910	Basu, Bireswar	...	Bangabasi College
1911	Ghosh, Ramsaran	...	Scottish Churches College
1912	Guha, Bipinbihari	...	City College
1913	Bhattacharyya, Bisnupada	...	Sanskrit College
1914	Chakrabarti, Prabhtchandra	...	Dacca College
1915	Chaudhuri, Jogendradas	...	Jagannath College
1916	Dhar, Narendrachandra	...	Dacca College
1917	Chattopadhyay, Abhaypada	...	Presidency College
1918	Biswas, Asutosh	...	Ditto
1919	Mitra, Rashbihari	...	Ditto

RAI AMRITANATH BAHADUR PRIZE.

On the 10th April, 1900, the Director of Public Instruction, Bengal, on behalf of Rai Amritanath Mitra, Bahadur made over to the University the sum of Rs. 1,500 in 4 per cent. Municipal Debentures for the purpose of founding a prize of Rs. 60 to commemorate the occasion of the marriage of his youngest son, Dhirendranath Mitra, on the following conditions :—

That the prize be awarded annually to the Hindu student who passing in the B.A. Examination in Physics or Chemistry in alternate year or the B.Sc. Examination of the University, secures the highest percentage of marks in Honours in the combined subjects of Physical Science and Chemistry, provided such student holds no other scholarship and undertakes to proceed to the higher degree of M.A. or M.Sc.

PRIZE-WINNERS.

1901	Mitra, Phanindranath	...	Presidency College
1903	Niyogi, Panchanan	...	Metropolitan Institution
1904	Ray, Nagendranath	...	Presidency College
1905	Basu, Debendramohan	...	Ditto
1906	De, Rajanikanta	...	Ditto
1907	Raychaudhuri, Sukumar	...	Ditto
1908	Dasgupta, Praphullachandra	...	Ditto
1909	Sanyal, Phanibhushan	...	Ditto
1910	Sengupta, Jitendrakumar	...	Ditto
1911	Keshodayal	...	Patna College
1912	Nandi, Kunjabihari	...	Dacca College.
1913	Mukhopadhyay, Girijanath	...	Scottish Churches College
1914	{ Sen, Nagendranath	...	Krishnath College, Berhampur
	{ „ Kamakhyaacharan	...	Scottish Churches College
1915	Bandyopadhyay, Durgadas	...	Presidency College
1916	Ray, Jnanendranath	...	Ditto
1917	Basu, Ramgobinda	...	Ditto
1918	Bandyopadhyay, Gopalchandra	...	Ditto
1919	Gupta, Priyabandhu	...	Ditto

RAMTANU LAHIRI AND GANGAMANI DEVI GOLD MEDALS.

On the 27th August, 1908, Mr. S. K. Lahiri submitted for the acceptance of the Syndicate the copy-right of his publication called "Lahiri's Select Poems" and requested that out of the sale proceeds of the book a gold medal might be awarded every year to the best scholar in Moral Philosophy at the B.A. Examination in memory of his father, late Babu Ramtanu Lahiri.

The Syndicate at their meeting held on the 29th August, 1908, thankfully accepted the offer of Mr. S. K. Lahiri.

At the meeting of the Syndicate held on the 27th May, 1911, the Registrar reported that there was a balance of Rs. 3,335-8 out of the sale proceeds of "Lahiri's Select Poems" after meeting the printing charges, &c., and enquired how the amount was to be utilised. The Syndicate thereupon resolved that two gold medals be annually awarded to the best graduates (one male and one female) in Mental and Moral Philosophy at the B.A. Examination in memory of

the late Babu Ramtanu Lahiri and Srimati Gangamani Devi, respectively bearing the following inscriptions :—

“ In memory of Ramtanu Lahiri, father of S. K. Lahiri, awarded to.....”
and “ In memory of Gangamani Devi, mother of S. K. Lahiri, awarded to”
on one side of the Medals and the University Arms on the other.

MEDALLISTS.

	Roy Rowland Thomas (Ramtanu Lahiri Gold Medallist)	Scottish Churches College
1912	Ghoshal, Pratiba (Gangamani Devi Gold Medallist)	Bethune College
	Bandyopadhyay, Rabindranath (Ramtanu Lahiri Gold Medallist)	Scottish Churches College
1913	Datta, Sarojini (Gangamani Devi Gold Medallist)	Non-Collegiate Student
	De, Bipinbihari (Ramtanu Lahiri Gold Medallist)	Non-Collegiate Student
1914	Brown, Constance (Gangamani Devi Gold Medallist)	Diocesan College
	Brahma, Nalinikanta (Ramtanu Lahiri Gold Medallist)	Scottish Churches College
1915	Quazi, Sophiya (Gangamani Devi Gold Medallist)	Non-Collegiate Student
	Das Sarojkumar (Ramtanu Lahiri Gold Medallist)	Presidency College
1916	Hilda Pascal (Gangamani Devi Gold Medallist)	Non-Collegiate Student
	Mitra, Suhritchandra (Ramtanu Lahiri Gold Medallist)	Scottish Churches College
1917	Dasgupta, Swarnaprabha (Gangamani Devi Gold Medallist)	Bethune College
	Chakrabarti, Abanimohn, II (Ramtanu Lahiri Gold Medallist)	City College
1918	Gupta, Sunitibala, (Gangamani Devi Gold Medallist)	Non-Collegiate Student
	Bandyopadhyay, Satyendramohan (Ramtanu Lahiri Gold Medallist)	Presidency College
1919	Siddhanta, Chitralekha (Gangamani Devi Gold Medallist)	Bethune College

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SARVESWARA AND PURNACHANDRA MEDAL

Babu Kunjabihari Ghosh, Executor to the estate of the late Babu Sarveswara Mitra of Allahabad, made over to the University the sum of Rupees 1,500 for the purpose of creating an endowment for the annual award of a gold medal to the student who stands first in order of merit in Class I either in English or Mathematics in the B.A. Examination, the Medal to bear the inscription “Sarveswara and Purnachandra medal” on one side, and the University Arms on the other.

The offer was thankfully accepted by the Syndicate

ENDOWMENTS

MEDALLISTS.

1912	Ghosh, Debaprasad	...	City College
1913	Kahali, Satyasaran	...	Victoria College, Cooch-Behar
1914	Ghosh, Bankubihari	...	Scottish Churches College
1915	Ray, Lalitkumar	...	Ditto
1916	Ghosh, Jyotirmay	...	Presidency College
1917	Sarkar, Narendranath	...	Ditto
1918	Khaitan, Chandiprasad	...	Ditto
1919	Sen, Sukumar	...	Ditto

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TARAKNATH RAY (OF BHATPARA) PRIZE.

In October, 1908, Babu Krishanchandra Ray made over to the University $3\frac{1}{2}$ per cent. G. P. Notes of the nominal value of Rupees one thousand for the purpose of creating an endowment for the annual award of a prize to perpetuate the memory of his father, the late Babu Taraknath Ray of Bhatpara on the following conditions:—

1. That the Prize be called "The Taraknath Ray (of Bhatpara) Prize."
2. That it be awarded to the successful candidate at the B.A. Examination from the Hughly College who secures the highest number of marks in English.
3. That it be publicly awarded every year at the Convocation for conferring Degrees.
4. That the names of the Prize-winners be published in the University Calendar.

PRIZE-WINNERS.

1909	Saha, Sasipada
1910	Nandi, Abaninath
1911	Sen, Umaprasad
1912	Bhattacharyya, Surendranath
1913	Ray, Nityagopal
1914	Ganguli, Satischandra
1915	Sil, Narendranath
1916	Biswas, Jageshchandra
1917	Bhattacharyya, Ramratan
1918	" Jogendranath
1919	Mukhopadhyay, Panchanan

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TAWNEY MEMORIAL PRIZE.

In May, 1900, the Honorary Secretary, Tawney Memorial Committee forwarded, for the acceptance of the Hon'ble the Vice-Chancellor and Syndicate Government Promissory Notes for Rs 1,000 of the 3 per cent. loan of 1896, with a view to creating an endowment for the annual award of a prize, to be called the "Tawney Memorial Prize," under the following conditions:—

1. That the prize be called the "Tawney Memorial Prize" and be awarded annually to the candidate educated in the Presidency College, Calcutta, who passes the B.A. Examination with Honours in English, and gains the highest number of marks in this subject among the candidates from the College.

2. That the value of the prize be Rs. 30, and that it be awarded for the first time on the results of the B. A. Examination of 1900

3. That the prize be awarded in a public manner, books being on English Literature, History or Philosophy, such as may be selected by the candidate who wins it

4. That the list of winners of the prize be published in the University Calendar for successive years in the usual way.

The offer was thankfully accepted by the Syndicate.

PRIZE-WINNERS

1900	{ Basu, Manmathanath
	{ Mitra, Nandakisor
1901	* Ray, Satishchandra
1902	Ghosh, Praphullachandra
1903	Mukhopadhyay, Amalkrishna
1904	De, Prabodhchandra
1905	Sarkar, Binaykumar
1906	Bhattacharyya, Sailendranath
1907	{ Biswas, Charuchandra
	{ Sanyal Girijaprasanna
1908	Mukhopadhyay, Kiranchandra
1909	Sen Kshitischandra
1910	Chakrabarti, Harendrachandra
1911	Chattopadhyay, Sunitikumar
1912	Chaudhuri, Siddheswar
1913	Mitra, Chandicharan
1914	Samaddar, Nirapada
1915	Kakati, Banikántha
1916	Bhattacharyya, Satischandra
1917	Sen, Hirendrachandra
1918	Ray, Birendrabirnod
1919	Majumdar, Jatindrachandra

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TRIPUNDESWAR MITRA MEDAL.

In August, 1913, Babus Ajaynath Mitra and Asoknath Mitra offered to place at the disposal of the University a sum of Rs. 3,000 for the purpose of creating an endowment for the annual award of a gold medal in memory of their father, the late Babu Tripundeswar Mitra. The medal is to be awarded to the student obtaining the highest number of marks in Honours Physics or Chemistry at the B.Sc. Examination.

The offer was thankfully accepted by the Syndicate.

MEDALLISTS.

1913	Ghosh, Jnanendrachandra	...	Presidency College
1914	Sarkar, Surenendranath	...	Scottish Churches College
1915	Basu, Nagendranath	.	Ditto
1916	Mukhopadhyay, Sitalchandra	...	St. Xavier's College
1917	Chattopadhyay, Kshitiprasad	...	Presidency College
1918	Sarkar, Indubhushan	...	Cotton College, Gauhati
1919	Chaudhuri, Abalakanta	...	Scottish Churches College

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VIDYASAGAR MEDAL.

On the 14th December, 1892, the Honorary Secretary to the Vidyasagar Memorial Fund made over to the University a sum of Rs. 560 for the purpose of annually awarding a silver medal to be called "Vidyasagar Medal," to a student of the Presidency College who stands first in Sanskrit at the B.A. Honours Examination, and who does not obtain any other medal in the same subject.

The donation was thankfully accepted by the Syndicate at their meeting held on the 14th January, 1893.

MEDALISTS.

1893	Bhattacharyya, Kokileswar
1894	Sen, Sasankamohan
1895	Bhattacharyya, Krishnachandra
1897	Chattopadhyay, Akhilchandra
1898	Ghoshal, Prasannakumar
1899	Chattopadhyay, Kshirodbihari
1900	Das, Raghunath
1901	Chakrabarti, Nilmani
1902	Tanusinha Manipuri
1903	Chattopadhyay, Anutosh
1906	Bhattacharyya, Guruprasanna
1907	Goswami, Ramanimohan
1908	Chattopadhyay, Lakshminarayan
1909	Bandyopadhyay, Pramathanath
1910	Narayan Nanda
1913	Mitra, Haridas
1918	Sengupta, Sureschandra
1919	Mallik, Pasupatinath

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WILLIAM SMITH MEMORIAL PRIZE.

On the 8th August, 1899, the Honorary Secretary, Smith Memorial Committee made over to the University 3½ per cent. Government Promissory Notes for Rs. 2,000 and 133-12 in cash for the purpose of founding a prize in memory of the late Revd William Smith, M.A., Principal of the General Assembly's Institution, Church of Scotland Mission, Calcutta on the following conditions—

(1) That it be called the "William Smith Prize."

(2) That it be awarded publicly at the annual Convocation, to the successful student who stands first in Philosophy Honours in the B.A. Examination from the General Assembly's Institution. And that in the event of there being no successful student in Philosophy Honours for one year or more, two prizes shall be given to the two best successful students in Philosophy Honours from the General Assembly's Institution the following year, and the balance of the accumulated interest shall be added to the capital. No prizeman shall be entitled to more than the net interest for one year.

(3) That the names of the prizemen be published in the University Calendar

(4) That the Prize shall consist of books to be selected by the candidate entitled to the same.

(5) That the University be entitled to alter the destination of the Fund on the application of the authorities of the General Assembly's Institution, should University see fit.

PRIZE-WINNERS.

1899	Sengupta, Gokulchandra	...	General Assembly's Institution
1900	Ray, Tarakchandra	...	Ditto
	{ Das, Rameschandra	...	Ditto
1902	{ Maitra, Jyotischandra	...	Ditto
1903	Ray, Susikumar	...	Ditto
1905	Sinha, Nandalal	...	Ditto
1907	Ghoshal, Giribhushan	...	Ditto
1908	Ray, Mrigankabhushan	...	Ditto
1910	Dasgupta, Jitendranath	...	Scottish Churches College
1911	Maitra, Susilkumar	...	Ditto
1912	Roy Rowland Thomas	...	Ditto
1913	Bandyopadhyay, Rabindranath	...	Ditto
1914	Chattopadhyay, Satischandra	...	Ditto
1915	Brahma, Nalinikanta	...	Ditto
1916	Mukhopadhyay, Asutosh	...	Ditto
1917	Mitra, Suhritchandra	...	Ditto
1918	Ray, Bamacharan	...	Ditto
1919	Basu, Subhaschandra	...	Ditto

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WOODROW SCHOLARSHIP.

The subscribers to the Fund raised for the purpose of commemorating the services of the late Mr. Woodrow, made over to the University of Calcutta Rs. 4,800 in Government Promissory Notes of 4 (reduced to $3\frac{1}{2}$) per cent. loan, in order to establish a Science Scholarship of Rs. 14 a month, tenable for one year, to be awarded to the best student at the B.A. or B.Sc. Examination in Chemistry and Physics in alternate years, provided he is a native of Bengal, and does not hold any University, Government, or private Scholarship and pursues his studies in Science under University lecturer or in some well-organised Institution for the degree of Master of Arts or Science.

SCHOLARS.

1879	Datta, Brajaballabh	...	Krishnagar College
1880	Sarkar, Biharilal	...	Presidency College
1881	Guha, Prasannakumar	...	Dacca College
1882	Sen, Kshirodchandra	...	Ditto
1883	Mukhopadhyay, Bisweswar	...	Patna College
1884	Bandyopadhyay, Kshetramohan	...	Presidency College
1886	Das, Gobindachandra	...	Dacca College
1887	Chattopadhyay, Brajendranath	...	Presidency College
1888	Basu, Basantakumar	...	Ditto
1889	Chattopadhyay, Asutosh	...	Ditto
1890	Ghosh, Dasarathi	...	Ditto
1891	Basu, Debendranath	...	City College

1892	Gangopadhyay, Kaliprasanna ...	Presidency College
1893	Nag, Kamakhyacharan ...	City College
1894	Ray, Jnanendranath ...	Ditto
1895	Datta, Krishnalal ...	General Assembly's Institution
1896	Sengupta Jyotindranath ...	City College
1897	Biswas, Gopalchandra ...	Presidency College
1898	Sen, Jatindranath ...	Ditto
1899	Ghosh, Sailendra ...	T. N. Jubilee College
1900	Sinha, Surendranath ...	Presidency College
1901	De Hridaykrishna ...	Ditto
1903	Niyogi, Panchanan ...	Metropolitan Institution
1904	Basu, Surendranath ...	Presidency College
1905	Ghosh, Phanindranath ...	Bangabasi College
1906	Mitra, Hemendranath ...	T. N. Jubilee College
1907	Basu, Amarendranath ...	Duff College
1908	Das, Jagadisachandra ...	Krishnagar College
1909	Sen, Binodchandra ...	Presidency College
1910	Sengupta Jitendrakumar ...	Ditto
1911	Datta, Trailokyanath ...	Ditto
1912	Ghosh, Upendranath ...	Dacca College
1913	Datta, Snehamay ...	Ditto
1914	Sen, Nagendranath ...	Krishnath College, Berhampur
1915	Ray, Satischandra ...	Patna College
1916	Ghosh, Subodhkumar ...	St. Xavier's College
1917	Ray, Kesabnath ...	Scottish Churches College
1918	Chauduri, Anandaprasad ...	Presidency College
1919	Mukhopadhyay, Mrityunjay ...	Ditto

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BANKIMCHANDRA MEDALS.

On the 20th April, 1897, the Honorary Secretary, Bankimchandra Memorial Committee, made over to the University a sum of Rs. 4 277-5-6 (invested in 3½ per cent. Government Promissory Notes for Rs. 4,000) in order to found a gold medal, to be awarded annually for the best Bengali Composition at the B.A. Examination, and a silver (or if circumstance should allow a gold) medal for the best Bengali Composition at the Intermediate in Arts or Science Examination to be called the "Bankimchandra Chatterjee, B.A., Intermediate in Arts or Science Gold (Silver Medal)" for Original Composition in Bengali, on the following conditions —

1. That the medal bear the words "Bankimchandra Medal awarded to....." on one side and the University Arms on the other.
2. That the medal be presented publicly every year at the annual Convocation for conferring degrees.
3. That the names of the Medallists be printed in the University Calendar.

MEDALLISTS.

1898	Pandypadhyay, Panchanan	...	Krishnagar College
	(Gold Medallist)	...	
	" Gupta, Nalinikanta	(Silver Medallist)	Dacca College
1899	Ghosh, Sibchandra	(Gold Medallist)	Metropolitan Institution
	" Bhattacharyya, Jnanendranath	(Silver Medallist)	Berhampur College

1900	Mitra, Nandakisor (<i>Gold Medal-list</i>)	...	Presidency College
	{ Basu, Surendrakumar } (<i>Silver</i>	{	Burdwan Raj College
	{ De Prasannakumar } (<i>Medallists</i>)	{	Rajchandra College
	{ Ray, Brajasundar } (<i>Gold</i>	{	Presidencs College
1901	{ Sen, Nagendranath } (<i>Medallists</i>)	{	Ripon College
	„ Chattopadhyay, Kshitischandra (<i>Silver Medallist</i>)	...	Sanskrit College
1902	Chakrabarti, Hiralal (<i>Gold Medal-list</i>)	...	Presidency College
	„ Ghosh, Manmathanath (<i>Silver Medallist</i>)	...	General Assembly's Institution
1903	Chaudhuri, Bhupendranarayan (<i>Gold Medallist</i>)	...	Bangabasi College
	„ Sinha, Nandalal (<i>Silver Medallist</i>)	...	General Assembly's Institution
1904	Mukhopadhyay, Nriyalal (<i>Gold Medallist</i>)	...	Presidency College
	„ Sengupta, Pratapchandra (<i>Silver Medallist</i>)	...	Bangabasi College
	{ Sarkar, Praphullakumar } (<i>Gold</i>	{	Metropolitan Institution
1905	{ Sinha, Nandalal } (<i>Medallists</i>)	{	General Assembly's Institution
	{ Mallik, Kumudranjan } (<i>lists</i>)	{	City College
	„ Pal, Aswinikumar (<i>Silver Medallist</i>)	...	B. M. Institution, Barisal
1906	Gangopadhyay, Rajendranath (<i>Gold Medallist</i>)	...	Duff College
	„ Ray, Saradindunath (<i>Silver Medallist</i>)	...	Krishnath College
1907	Ray, Saratchandra (<i>Gold Medal-list</i>)	...	Presidency College
	„ Sen, Kshitischandra (<i>Silver Medallist</i>)	...	Ditto
1908	Ghoshal, Saratchandra (<i>Gold Medallist</i>)	...	General Assembly's Institution
	„ Joardar, Harendranath (<i>Silver Medallist</i>)	...	Rajshahi College
1909	Basu, Nirmalchandra (<i>Gold Medallist</i>)	...	Presidency College
	„ Modak, Satyendranath (<i>Silver Medallist</i>)	...	Krishnagar College
1910	{ Mitra, Jatindramohan } (<i>Gold</i>	{	Presidency College
	{ „, Sailendranath } (<i>Medallists</i>)	{	Krishnagar College
	„ Sengupta, Jyotiprasad (<i>Silver Medallist</i>)	...	City College
1911	Bag, Jyotishchandra (<i>Gold Medallist</i>)	...	Wesleyan Mission College, Bankura
	„ Kundu, Dhirendranath (<i>Silver Medallist</i>)	...	Scottish Churches College
1912	{ Bhattacharyya, Harisatya } (<i>Gold</i>	{	City College
	{ Chakrabarti, Ramani- } (<i>Medallists</i>)	{	Presidency College
	{ kanta, Jogischandra } (<i>Silver Medallist</i>)	{	Ditto
1913	Sengupta, Nalinikanta (<i>Gold Medallist</i>)	...	
	„ Sen, Satyakinkar (<i>Silver Medallist</i>)	...	

1914	{ Ghosh, Harendranath Bhattacharyya, Ananga- nath	{ (Gold Medal- lists)	{ Non-Collegiate Student Scottish Churches College
"	{ Ghosh, Jyotirmay Set, Manmathanath	{ (Silver Medallists)	{ Narail Victoria College Presidency College
1915	{ Sarkar, Santoshkumar Sarkar, Pramathanath	{ (Gold Medallist) (Silver Medallist)	{ ... Victoria College, Cooch-Bihar Presidency College
1916	{ Mitra, Dayamay De, Naliniranjan	{ (Gold Medallist) (Silver Medallist)	{ ... Scottish Churches College St Paul's C. M. College
1917	{ Sarkar, Pramathanath Sinha, Kalinath	{ (Gold Medallist) (Silver Medallist)	{ ... Presidency College Metropolitan Institution
1918	{ Vidyabhushan, Priyanath Bardhan, Dharendra- chandra	{ (Gold Medallist) (Silver Medal- lists)	{ ... Non-Collegiate Student Comilla Victoria College
	{ Sengupta, Jitendra- nath	{ (Silver Medal- lists)	{ Carmichael College, Rangpur
1919	{ Sengupta, Bhupati- mohan Santra, Kishori- mohan	{ Gold Medal- lists)	{ South Suburban College Ripon College
	{ Mukhopadhyay, Syamaprasad (Gold Medallist)	{ ...	{ Presidency College

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KESHABCHANDRA SEN MEDAL.

On the 10th January, 1891, the Keshabchandra Sen Memorial Committee through their Honorary Secretary made over to the University 4 (reduced to 3½) per cent. Government Promissory Notes to the value of Rs. 8,000, with the request that half of the annual interest of the above amount be devoted to annually awarding a gold medal and a prize of books to the value of Rs. 140, necessary for the further prosecution of his studies in Philosophy to the student at the B.A. Examination who takes the highest Honours in his year in that subject and that the other half of the interest be devoted to awarding an annual prize of the value of Rs. 140 in money and books to the female student who stands highest in general proficiency at the Matriculation Examination of her year.

MEDALLISTS.

1890	Platel, J.	...	St Xavier's College
1891	Mukhopadhyay Nondalal	...	Presidency College
1892	Majumdar, Haripada	...	Metropolitan Institution [College
1893	Chakrabarti, Jögendrachandra	...	F. C. of Scotland's Institution and Duff
1894	Chakrabarti, Saratkumar	...	Presidency College [College
1895	Das, Nimaichandra	...	F. C. of Scotland's Institution and Duff
1896	Mukhopadhyay, Jyotindranath	...	Presidency College
1897	Basu, Hemchandra	...	Ditto
1898	Lahiri, Ranajitchandra	...	Ditto

1899	Ray, Prabodhchandra	...	Patna College
1900	" Tarakchandra	...	General Assembly's Institution
1901	Guha, Lalitchandra	...	Presidency College [College
1902	Mukhopadhyay, Pramathanath...	...	F. C. of Scotland's Institution and Duff
1903	Chakrabarti, Praphullakumar	...	Presidency College
1904	Ghosh, Rabindranarayan	...	Ditto
1905	Gupta, Atulchandra	...	Ditto
1906	Bandyopadhyay, Sitaram	...	Ditto
1907	Ghoshal, Girijabhushan	...	General Assembly's Institution
1908	Ray, Bipinbihari	...	Ravenshaw College
1909	Chakrabarti, Kumudbandhu	...	Victoria College, Cooch-Behar
1910	Sarkar, Ambujaksha	...	Presidency College
1911	Maitra, Susilkumar	...	Scottish Churches College
1912	Roy, Rowland Thomas	...	Ditto
1913	Bandyopadhyay, Rabindranath	...	Ditto
1914	De, Bipinbihari	...	Non-Collegiate Student
1915	Brahma, Nalinikanta	...	Scottish Churches College
1916	Das, Sarojkumar	...	Presidency College
1917	Mitra, Subritchandra	...	Scottish Churches College
1918	Chakrabarti, Abanimohan, II	...	City College
1919	Bandyopadhyay Satyendramohan	...	Presidency College

PRIZE-WINNERS.

1916	Majumdar, Shwapon	...	Maharani High School, Darjeeling
1917	Datta, Sudha	...	Ditto
1918	Majumdar, Renuka	...	Diocesan College
1919	Das, Jyotsnamayee	...	Brahmo Balika Sikshalaya.

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MANACKJEE RUSTOMJEE MEMORIAL SCHOLARSHIP AND MEDAL.

The Executive Committee of the Manackjee Rustomjee Memorial Fund made over to the University 3½ per cent. Government Securities of the value of Rs. 6,000 for the purpose of founding a Scholarship of Rs. 8 a month in memory of the late Mr. Manackjee Rustomjee. The Scholarship is to be annually awarded by the Syndicate on the following conditions:—

(i) That the Scholarship should be called "The Manackjee Rustomjee Scholarship."

(ii) That it should be tenable for two years and given to the student who shall pass first in Anatomy at the First M.B. Examination of the Calcutta University.

(iii) That the first Scholarship shall be awarded upon the results of the next ensuing Examination to be held in the present year.

To determine the relative merits of the candidates the marks in pass as well as in Honours are to be taken into account, after deducting the minimum for a pass and the minimum for Honours, from these marks.

The Committee of the above Fund also made over to the University 3½ per cent. Government Securities of the value of Rs. 2,000 for the purpose of founding a gold medal to be called "The Manackjee Rustomjee Gold Medal" to be awarded annually to the student who shall pass first in English with Honours at the B.A. Examination.

MEDALLISTS.

1898	Chakrabarti, Rebatimohan	...	Presidency College
1899	Dasgupta, Asutosh	...	General Assembly's Institution
1900	{ Basu, Manmathanath	...	Presidency College
	{ Mitra, Nandakisore	...	Ditto
1901	Ray, Satischandra	...	Ditto
1902	Ghosh, Praphullachandra	...	Ditto
1903	Mukhopadhyay, Amalkrishna	...	Ditto
1904	Trutween. P. W.	...	Rangoon College
1905	Sarkar, Binaykumar	...	Presidency College
1906	Bhattacharyya, Sailendranath	...	Ditto
1907	{ Biswas, Charuchandra	...	Ditto
	{ Sanyal, Girijaprasanna	...	Ditto
1908	Mukhopadhyay, Kiranchandra	...	Ditto
1909	Sen, Kshitischandra	...	Ditto
1910	Bandyopadhyay, Srikumar	...	Scottish Churches College
1911	Chattopadhyay, Sunitikumar	...	Presidency College
1912	Mitra, Panchanan	...	Ripon College
1913	Kahali Satyasaran	...	Victoria College, Cooch-Behar
1914	Dasbarma, Sachindralal	...	Scottish Churches College
1915	Ray, Kumudbandhu	...	Ripon College
1916	Gangopadhyay, Panchanan	...	Metropolitan Institution
1917	Sen. Amiyakumar	...	City College
1918	Ray, Birendranode	...	Presidency College
1919	Majumdar, Jatindrachandra	...	Ditto

SCHOLARS.

1912	{ Bandyopadhyay, Tridibnath	...	Medical College, Calcutta
	{ Gangopadhyay, Harihar	...	Ditto
1913	Bhattacharyya, Sibapada	...	Ditto
1914	Basu, Indubhushan	...	Ditto
1915	Bhattacharyya, Kalidas	...	Ditto
1916	Ghosh, Phanindranath	...	Ditto
1917	Basu, Panchanan	...	Ditto
1918	Chattopadhyay, Surendranath	...	Ditto
1919	Basu, Ramaranjan	...	Ditto

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PREONATH DUTT LEGACY.

In August, 1904, the Solicitor to the Government of India forwarded a cheque on the Bank of Bengal for Rs. 13,017-10-1, being the one-fourth share of the residuary estate of the late Babu Preonath Dutt bequeathed by him to the University.

The Senate at their meeting held on the 17th February, 1906, adopted the following scheme submitted by the Committee appointed by them at their meeting on 15th April, 1905:—

That there shall be two scholarships, one for a successful female candidate at the Intermediate Examination in Arts or Science and another at the Matriculation Examination, the amount being Rs. 10 for the former and Rs. 8 for the latter. The Scholarship shall be tenable for two years on condition that the scholars prosecute a course of study for the next higher Examination.

That the Scholarships shall be awarded to the best among the successful candidates who do not get a Government scholarship, who are natives of Bengal and whose circumstances are such as render help desirable. The last fact shall be certified by two Members of the Senate.

The Syndicate shall have power to alter the amounts of the scholarship according to the funds which are available.

SCHOLARS.

1909	Biswas, Harshabala	...	Bethune Collegiate School
"	Sinha, Kamala	...	Private Student
1910	Ghosh, Marie	...	Non-Collegiate Student
1911	Roy, Kshemada	...	Bethune Collegiate School
"	Ghosh, Jyotirmayi	...	Model Girls' School, Katak
1912	Chatterjee, Kiranbala	...	Diocesan College
"	{ Das, Charulata	...	Diocesan Collegiate School
"	{ Mandi, Sarala M.	...	U. F. C. High School, Calcutta
1913	Ghosh, Jyotirmayi	...	Bethune Collegiate School
"	De, Kshemankari	...	Ditto
1914	Banerjee Shephalika	...	Brahmo Girls' School
"	Biswas, Nishamayi	...	Diocesan College
1915	Ghosh, Lina	...	Ditto
"	Bose, Satyapriya	...	Bethune Collegiate School
"	Ray, Suhasini	...	Vidyamayee Girls' High School,
1917	Datta, Renuka	...	Non-Collegiate Student [Mymensingh
"	Das Santimayi	...	Chotanagpur Girls' High School
1918	Banerjee, Sulatika	...	Bethune Collegiate School
1919	Das, Satadal	...	Ditto
	Das, Santimoyee	...	Bethune College

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RAI RADHIKAPRASANNA MUKHERJEE. BAHADUR, C.I.E.,
GOLD MEDAL AND PRIZE.

In September, 1904, the Honorary Secretary to the Rai Radhikapasanna Mukherjee, Bahadur, C.I.E., Memorial Fund, offered to make over to the University 3½ per cent. Government Promissory Notes of the nominal value of Rs 1,402 for the annual award of a gold medal and a prize from the interest thereof on the following conditions:—

1. That the medal be called the "Rai Bahadur Radhikapasanna Mukherjee C.I.E., Gold Medal."

2. That the Medal be awarded annually to the candidate, from any school in the Presidency Division outside Calcutta, who passes the Matriculation Examination and gains the highest number of marks in English.

3. That the value of the medal be Rs. 40, and that it be awarded for the first time on the results of the examination in 1906.

4. That a list of winners of the medal be published in the University Calendar for successive years in the usual way.

5. That a prize in books, up to the value of Rs. 9, be annually awarded to the student gaining the highest number of marks in Physiology at the Intermediate Examination in Arts or Science.

The offer was thankfully accepted by the Syndicate.

MEDALLISTS.

1906 {	Senmunsi, Sureswar	...	Senhati H. E. School
	Basu, Satyendrakumar	...	Krishnagar Collegiate School
1907	Mukhopadhyay, Susilkumar	...	L. M. S. Institution, Bhowanipur
1908	Hajari, Satischandra	...	Banwaribad H. E. School
1909	Mukhopadhyay, Jnanadacharan	...	Khaliskhali Magura S. C. Institution
	Ghosh, Sailendranath	...	Krishnagar Collegiate School
1910 {	Taraphdar, Sasibhushan	...	Nabadwip Hindu School
	Bandyopadhyay, Sukhendubikas	...	Beldanga H. E. School
1911	Sen Rakhachandra	...	Bahirdia H. E. School
1912	Badyopadhyay, Janakinath	...	South Suburban School, Bhowanipur
1913	Dasgupta Bijaynarayan	...	Kalia Remodelled H.E. School
1914	Sen, Matindranath	...	Jessore Zila School
1915	Ghosh, Khagendranath	...	Narail Victoria Collegiate School
1916	" Saratchandra	...	Bangaon H. E. School
1917 {	Bhattacharyya, Biswath	...	Harinavi A. S. School
	Ghosh, Purnachandra	...	Ariadaha, Kalachand H. E. School
1918	Haldar, Sudhansukumar	...	Barrackpur Government School.
1919			

PRIZE-WINNERS-

1917	Acharyya, Purnachandra	...	Presidency College
1918	Mitra Sukumar	...	Ditto
1919	Basak, Dulalchand	...	Ditto

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THAKURDAS BANERJEE SCHOLARSHIP, PRASANNAMAYI DEBI PRIZE AND KEDARNATH BANERJEE MEDAL.

Babu Kshatindranath Banerjee, in deference to the wishes of his uncle, the late Babu Kedarnath Banerjee Pleader and resident of Barasat, in the district of 24 Parganas, made over to the University 3½ per cent. Government securities of the nominal value of Rs. 8,000 for the purpose of creating an endowment for the award of a scholarship, a gold medal and a prize of books on the following conditions:—

(a) That a scholarship of rupees eight a month tenable for two years, be awarded every alternate* year to the best student who passes the Matriculation Examination in the first division from the Barasat Government School but does not obtain a Government or any other scholarship, if he pursues his studies at the next higher examination in an affiliated College.

(b) That the Barasat Government School failing to pass in any year a student who might satisfy the said conditions, the portion of the interest available for scholarship will be added to the fund.

(c) That the scholarship be called "Thakurdas Banerjee Scholarship" in memory of the donor's father

(d) That a prize in Sanskrit books of the value of Rs. 25, to be called the "Prasannamayee Debi Prize," perpetuating the memory of the donor's mother, be presented at the annual Convocation to the female student who gains the highest number of marks in Sanskrit at the Bachelor of Arts Examination among successful students of her own sex; or in the absence of such student, the prize be similarly awarded to a male student, who gets the highest number of marks in Sanskrit at the same examination.

*The donation having been supplemented by a further sum of Rs. 1000, the award of the scholarship of Rs. 8 a month, tenable for two years, has been made "annual" instead of "every alteranate year."

(e) That a gold medal of the value of one hundred rupees be awarded every year publicly at the Convocation of the Senate for conferring Degrees to the only or the best D.L. of the year, if any or failing him to the student who stands first at the M.L. Examination, or failing him to the student who stands first at the final B.L. Examination.

(f) That the medal bears the words "Kedarnath Banerjee medal awarded to" on one side and the University Arms on the other.

(g) That the names of the winners of the scholarship, prize and the gold medal be published in the *Gazette*, as well as in the University Calendar.

(h) That the donor be allowed to nominate Arindrajit Mukerjee who passed the Matriculation Examination in 1911 in the first division from the Barasat Government School and has been admitted into the Ripon College, as the first holder of the Thakurdas Banerjee Scholarship.

(i) That in subsequent year the University award the said scholarship to any one in terms of the condition in paragraph (a).

(j) That the Scholarship, Prize and Medal be awarded with effect from the year 1911.

The offer was thankfully accepted by the Syndicate.

MEDALLISTS

1912	Mitra, Dwarkanath, D.L.
1913	Sengupta, Nareschandra, D.L.
1915	Rajendraprasad, M.L.
1916	Mukhopadhyay, Bijankumar, M.L.
1917	Mitra, Rupendrakumar, M. L.
1918	Chattopadhyay, Sailendranath, M.L.
1919	„ Ashiranjan, M.L.

SCHOLARS

1911	Mukerjee, Arindrajit	..	Barasat Government School
1912	Biswas, Subodchandra	...	Ditto
1913	Mukerjee, Atulchandra	...	Ditto
1914	Mandal Gopiballabh	...	Ditto
1915	Naskar, Amulyacharan	...	Ditto
1916	Ghosh, Syamadas	...	Ditto
1917	Ali, Didar	...	Ditto
1918	Daud Ali	...	Ditto
1919	Ganguly, Sudhirschandra	...	Ditto

PRIZE-WINNERS.

1912	Ray, Nirmala	..	Bethune College
1913	Das, Amala	..	Ditto
1914	Chatterjee, Santa	...	Ditto
1915	Sinharay, Sushama	...	Non-Collegiate Student
1916	Gupta, Tatini	...	Ditto
1917	Dusgupta, Swarnaprabha	...	Bethune College
1918	Duara, Sudhalata	...	Non-Collegiate Student
1919	Siddhanta, Chitralekha	...	Bethune College

COBDEN MEDAL.

In March, 1879, the Committee of the Cobden Club, London, offered an annual silver medal for proficiency in Political Economy.

With the concurrence of the Committee, it was arranged that this medal should be awarded to the successful student who in the annual examination for M.A. in Political Economy and Political Philosophy, should obtain the highest number of marks in Political Economy.

• MEDALLISTS.

1879	Sukul, Kalisankar.	Presidency College
1880	Ghosh, Manmathanath	Free Church Institution
1881	Arndt, George	Teacher
1882	Ghosh, Mahendrakumar	Dacca College
1884	Sinha, Prabhachandra	Presidency College
1885	Chattopadhyay, Ambikacharan	General Assembly's Institution
1886	Sanyal, Girischandra	Metropolitan Institution
1887	Mukhopadhyay, Satyacharan	City College
1889	Sen, Binayendranath	General Assembly's Institution
1891	Bandyopadhyay, Srischandra	Private Student
1892	Ray, Anukulchandra	Ditto
1895	Sen, Jasodananda	Ditto
1897	Ballabh, Kunjabihari	Ditto [Duff College
1898	Chattopadhyay, Santosh	F. C. of Scotland's Institution and
1899	" Pramathanath	Presidency College
1900	Sen, Nirmalchandra	Ditto
1901	Mukhopadhyay, Radhakumud	Private Student
1902	Basu, Jyotishchandra	Presidency College [Duff College
1903	" Jatishchandra	F. C. of Scotland's Institution and
1904	Chattopadhyay, Jatindramohn	Ditto
1905	Chaudhuri, Brajendranarayan	Presidency College
1906	Ghoshal, Upendranath	Ditto
1907	Sen, Binaykumar	Ditto
1908	Bandyopadhyay, Krishnadhan	Presidency College
1910	Dasgupta, Sachindrachandra	Ditto
1911	Mukhopadhyay, Bhujangabhusan	Ditto
1912	Jha, Radhakrishna	Ditto
1913	Niyogi, Jitendraprasad	Ditto
1914	Das, Gobindachandra	University Student
1915	Sinha, Jogischandra	Presidency College
1916	Ray, Jaminiprasanna	Ditto
1917	Ramachandra Rau Basavarsu	University Student
1918	Datta, Birendrachandra	Ditto
1919	Bali, Amarnath	Ditto (Presidency College)

GOLAKCHANDRA GHOSH MEDAL.

On the 4th May, 1908, Babu Dwarkanath Ghosh made over to the University 3 per cent. Government Promissory Notes of the nominal value of Rs. 2,500 for the purpose of creating an endowment to commemorate the memory of his father, late Babu Golakchandra Ghosh, on the following conditions:—

1. That an annual gold medal be presented publicly every year to the successful candidate at the M.A. Examination in Sanskrit, who obtains the highest number of marks in the Vedanta Philosophy, provided he does not obtain any other medal. In case the required candidate is not available, the medal is to be presented to a deserving candidate who shall have passed the M.A. Degree Examination in Sanskrit (Moral Philosophy), irrespective of caste, creed and sex.

2. That the medal is to bear the following inscription :—

" Dwarkanath Ghosh donor, in honour of his father, late Golokchandra Ghosh of No. 52-2, Sankaritola Lane, Calcutta, awarded to....., on one side and the University Arms on the other.

3. That the names of the medallists be printed in the Calendar and in the *Calcutta Gazette*.

MEDALLISTS

1910	Bhattacharyya, Adityakum r	...	University Student
1912	Mukhopadhyay, Nalinimohan	...	Non-Collegiate Student
1913	Ray, Kshemadakinkar	...	University Student
1914	Chakrabarti, Bhabataran	...	Non-Collegiate Student
1915	Chattopadhyay, Phanibhushan	...	University Student
1916	Thakur, Anareswar	...	Non-Collegiate Student
1917	Acharyya, Dineschandra	...	Ditto
1918	G. Somanna	...	Ditto
1919	Bhattacharyya, Harimohan	...	Ditto

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HEMCHANDRA GOSSAIN PRIZE AND MEDAL.

The terms of the bequest are given in the following extract from the Will :—

" Real encouragement not being afforded to Sanskrit language in this country is being noticed day by day. Therefore, I provide that whoever will come of best of all in Sanskrit Literature in the M.A. Degree Examination at the Calcutta University in any year shall get a reward of 500 (five hundred) rupees in a lump sum and the present of a gold medal of the value of one hundred and fifty rupees. On one side of that gold medal shall be engraved in the Bengali language my name and Serampur as my residence and on the other side the name of the recipient scholar and the Bengali year.

It is my belief that the learning of Science is absolutely necessary in this country. Therefore, in order to give an impetus to the encouragement of the learning 'Science' I provide that whoever will stand first of all in the M.Sc. examination for Science at the University of Calcutta in any year shall get a reward of 500 (five hundred) rupees in a lump sum and the present of a gold medal of the value of 150 (one hundred and fifty) rupees in that year. On one side of the gold medal shall be engraved in the English language my name and Serampur as my residence and on the other side the name of the recipient scholar and the English Christian year.

For the performance of the acts mentioned in this clause and in the clause preceding it, my executors shall make over Company's Papers, that is, Government Promissory Notes for 37,500 (Thirty Seven Thousand Five Hundred) Rupees bearing interest at three and half per cent. out of my estate to the Calcutta University. They shall perform the acts stated in the said clauses out of the interest on the said Papers.

The following scheme for giving effect to the wishes of the testator has been adopted by the Syndicate :—

1. That a prize of Rs. 500 in money and a gold medal of the value of Rs. 150 to be called the "Hemchandra Gossain Prize and Medal in Sanskrit" respectively, be awarded annually to the most successful student in Sanskrit at the M.A. Examination of the year.

2 That the medal bear on one side the University Arms and on other the following words in Bengali—"Hemchandra Gossain, Serampur, awarded to"

3. That a prize of Rs. 500 in money and a gold medal of the value of Rs. 150 be annually awarded to the student who stands first in order of merit among the successful candidates at the M.Sc. Examination.

4. That the medal bear on one side the University Arms and on the other the following words in English—"Hemchandra Gossain Serampur, awarded to....."

5 That the above prizes and medals be publicly awarded at the annual Convocation of the Senate for conferring degrees and that the names of the recipients be published in the University Calendar.

MEDALLISTS AND PRIZE-WINNERS.

1910	{ Majumdar, Surendranath, M.A. ...	University Student
	{ Sen, Bhupatimohan, M.Sc. ...	Presidency College
1911	{ Bhattacharyya, Pasupatinath, M.A. ...	University Student
	{ Jani, Saratchandra, M.Sc. ...	Ditto
1912	{ Mukhopadhyay, Nilinimohan, M.A. ...	Non-Collegiate Student
	{ Datta, Rasiklal, M.Sc. ...	Presidency College
	{ Bandyopadhyay, Sibadas, M.A. ...	University Student
1913	{ Dhar, Nilratan, M.Sc. ...	Presidency College
	{ Bhattacharyya, Dineschandra, M.A. ...	Non-Collegiate Student
1914	{ Dasgupta, Pramathanath, M.Sc. ...	University Student
	{ Bhattacharyya, Bisnupada, M.A. ...	Ditto
1915	{ Basu, Satyendranath, M.Sc. ...	Presidency College
	{ Chakrabarti, Niranjanprasad, M.A. ...	University Student
1916	{ Dhar, Sasindrachandra, M.Sc. ...	Ditto
	{ Acharyya, Dhirēschandra, M.A. ...	Non-Collegiate Student
1917	{ Basu, Girindrasekhar, M.Sc. ...	Ditto
	{ Mukhopadhyay, Satkari, M.A. ...	University Student
1918	{ Sen, Dhirendranath, M.Sc. ...	Ditto
	{ Bhattacharyya, Rasamay, M.A. ...	Ditto
1919	{ Sinha, Harischandra, M.Sc. ...	Ditto
	{ Sengupta, Birendranath, M.Sc. ...	Non-Collegiate Student

69

KESABLAB MALLIK MEDAL.

The late Babu Matilal Mallik in his last Will and Testament bequeathed to the University G. P. Notes of the value of Rs. 1,500 for creating an endowment in memory of his brother, Kesablab Mallik, for the annual award of a gold medal to the student who obtains the highest number of marks in Pure Mathematics at the M.A. Examination. Rai Brahmamohan Mailik, Bahadur, has made over to the University the Government Securities which are thankfully accepted by the Syndicate.

MEDALLISTS

1917	Goswami, Sirischandra	... University Student
	{ Basu, Khageschandra	... Ditto
1918	{ Chakrabarti Jaminimohan	... Ditto
1919	Das, Bankimchandra	... Ditto (S. C. College)

70

MATILAL MALLIK GOLD MEDAL

On the 10th July, 1899, Rai Brahmamohan Mallik, Bahadur, made over to the University $3\frac{1}{2}$ per cent. Government Promissory Notes for Rs. 1,500 for the purpose of creating an endowment for the annual award of a gold medal to be called the "Matilal Mallik Medal." to the student, who secures the highest number of marks in the practical portion of any of the Scientific subjects of the M.A. or M.Sc. Examination.

The Syndicate at their meeting held on the 12th August, 1899 thankfully accepted the donation.

MEDALLISTS.

1901	Maitra, Surendranath	..	Presidency College
1902	Basu, Anukulchandra	...	Ditto
1903	Das, Bipinbihari	...	Private Student
1904	Day, D. L.	...	Ditto
1905	{ Shankar Laxman Gokhale	...	Ditto
	{ Chakrabarti, Kamadacharan	...	Ditto
1906	Mukhopadhyay, Dwijendranath	..	Presidency College
1907	" Dhirendranath	...	Ditto
1908	Chakrabarti, Haripada	...	Ditto
1909	Sen, Suryyanarayan	...	Non-Collegiate Student
1910	{ Chattopadhyay, Phanibhushan	..	University Student
	{ Jatindranath	...	Ditto
1911	Ray, Priyadarshan	...	Non-Collegiate Student
1912	Mitra, Siriskumar	...	Presidency College
1913	Dhar Nilratan	...	Ditto
1914	Saha, Abinaschandra	...	Ditto
1915	Ghosh, Jnanendrachandra	...	Ditto
1916	Sen, Pramodcharan	...	Ditto
1917	Guha, Bhabanicharan	...	University Student
1918	Chattopadhyay, Jogeswar	...	Ditto
1919	" Gouripati	...	Ditto (Presidency College)

71

SONAMANI PRIZE.

On the 3rd December, 1889, the late Sir Gooroo Dass Banerjee made over to the University a Government Promissory Note of the 4 (reduced to $3\frac{1}{2}$) per cent. loan of 1865 of the value of Rs. 1,000 for the purpose of founding a prize in memory of his mother, Srimati Sonamani Debi, on the following conditions :—

1. That the Prize be called the "Sonamani Prize."
2. That it be awarded publicly at the annual Convocation for conferring degrees, to the candidate who stands first in the list of successful candidates for the M.A. Examination in Sanskrit.
3. That the Prize consists of books relating to the Sanskrit language or literature to be selected by the candidate entitled to the same.
4. That the names of the Prize-winners be published in the University Calendar.

ENDOWMENTS

PRIZE-WINNERS.

1889	Ray, Satischandra	..	Sanskrit College
1890	Bandyopadhyay, Muralidhar	...	Ditto
1891	Bhattacharyya, Asutosh	..	Ditto
1892	Narayan Dajiba Wadegaonkar	...	Hispol College
1893	Bandyopadhyay, Haripada	...	Sanskrit College
1894	Bhattacharyya Kokileswar	...	Ditto
1895	Chakrabarti, Brajalal	...	Ditto
1896	Guha, Abinaschandra	...	Ditto
1897	Gangopadhyay, Haricharan	..	Ditto
1898	Chakrabarti, Haridas	..	Ditto
1899	Goswami, Bhagabatkumar	..	Ditto
1900	Laskar, Gangamohan	...	Ditto
1901	Pande Ramavatara Sarma	...	Teacher
1902	Goswami, Kalikrishna	...	Private Student
1903	Chakrabarti, Nilmani	..	Sanskrit College
1904	Debray, Sukeschandra	...	Private Student
1905	Ray, Bipinchandra	...	Presidency College
1906	Das, Kasinath	...	Sanskrit College
1907	Basak, Radhagobinda	...	Dacca College
1908	De, Harinath	...	Non-Collegiate Student
1910	Majumdar, Surendranath	...	University Student.
1911	Bhattacharyya, Pasupati	...	Ditto
1912	Mukhopadhyay, Nalinimohan	...	Non-Collegiate Student
1913	Bandyopadhyay, Sibdas	...	University Student
1914	Bhattacharyya, Dineschandra	...	Non-Collegiate Student
1915	" Bishnupada	..	University Student
1916	Chakrabarti, Niranjanprasad	...	Ditto
1917	Acharyya, Dhireschandra	...	Non-Collegiate Student
1918	Mukhopadhyay, Satkari	...	University Student
1919	Bhattacharyya, Rasamay	...	Ditto

72

MAHARAJA SIR MANINDRACHANDRA NANDI SCHOLARSHIPS

Maharaja Sir Manindrachandra Nandi of Casimbazar generously placed at the disposal of the University a sum of Rs. 50,000 for the promotion of legal education by the award of Scholarships to deserving students who will receive their instruction at the University Law College, preference being given whenever practicable, to students who have graduated in Arts or Science from the Krishnath College, Berhampur. The offer was thankfully accepted by the Senate at their meeting held on the 4th December, 1909.

73

PARBATICHARAN RAY MEDAL.

In February, 1913, Mr S. P. Ray offered to the University 31 per cent. G. P. Notes of the nominal value of Rs. 2,000 for creating an endowment for the annual award of a gold medal to the successful student who stands first at the Intermediate Examination in Law, on condition that the medal will bear the following inscription. "Parbaticharan Ray Medal awarded to by Rai Kaliprasanna Ray, Bahadur, in memory of his father" on one side, and the University Arms on the other.

MEDALLISTS.

1914	{ Chattopadhyay, Kalidhan	... University Law College
	{ Khaitan, Durgaprasad	... Ditto
	{ Mukhopadhyay, Susilkumar	... Ditto
1915	{ Ray, Pratulchandra	... Ditto
	{ Mukhopadhyay, Bhujangabhushan	... Ditto
1916	{ Sen, Susilchandra	... Ditto
	{ Bandyopadhyay, Pramathanath	... Ditto
1917	{ Ghosh, Debaprasad	... Ripon Law College
	{ Niyogi, Kedarnath	... University Law College
1918	{ Ghosh, Satyendrakisore	... Ditto
	{ Chakrabarti, Sureschandra	... Ditto
1919	{ Ghosh, Surendrakumar	... Ditto

74

RITCHIE PRIZE.

On the 4th December, 1867, the Honorary Secretary to the Committee appointed for the purpose of commemorating the services of the late Hon'ble, William Ritchie, Vice-Chancellor of the University, Advocate-General of Bengal, and Member of the Supreme Council made over to the University Rs. 672, for establishing an annual prize of books. The amount was invested in Government Securities and the annual proceeds allowed to accumulate till the fund amounted to more than Rs. 1,500. On the 11th May, 1889, the Syndicate decided that an annual prize of books to the value of Rs. 50 be awarded to the candidate who obtains the highest number of marks in the examination for the degree of Bachelor in Law.

PRIZE-WINNERS.

1890	Majumdar, Syamaprasanna	... Ripon College
1891	{ Syed Ali Bilgrami	... Patna College
	{ Wasudeo Ramchandra Dhobley	... Morris College, Nagpur
1892	Biswas, Gopalchandra	... Ripon College
1893	Datta, Hirendranath	... Metropolitan Institution
1894	Acharyya, Jyotischandra	... Ripon College
1895	Bandyopadhyay, Dhanapati	... Ditto
1896	Ray, Mahimchandra	... Ditto
1897	Basu, Prabodhchandra	... Ditto
1898	Linga, Rajeswar	... Morris College, Nagpur
1899	Majumdar, Panchanan	... T. N. Jubilee College
1900	Ghosh, Kunjabihari	... Metropolitan Institution
1901	Ballabh, Kunjabihari	... Ripon College
1902	Bhar, Prandhan	... Ditto
1903	Lobo, P.	... Morris College, Nagpur
1904	Jaju Srikrishna Mulchand	... Ditto
1905	Gopal Sridhar Lulay	... Ditto
1906	De, Rajanikanta	... Ripon College
1907	Ghosh, Batukrishna	... Metropolitan Institution
1908	{ De, Birendrakumar	... City College
	{ Sinha, Gurudas	... Ripon College
1909	Mukhopadhyay, Sibakinkar	... Ditto
1910	{ Biswas, Charuchandra	... Ditto
	{ Chattopadhyay, Asiranjan	... University Law College

	{ Bhaduri, Bankubihari ...	University Law College
1911	{ Chattopadhyay, Sailendranath ...	Ditto
	{ Mukhopadhyay, Bijankumar ...	Ditto
1912	{ Das, Subodhkumar ...	Ditto
	{ Khaitan, Kaliprasad ...	Ditto
	{ Mitra, Rupendrakumar ...	Ditto
1913	{ Basu, Pramodnath ...	Ditto
	{ Chattopadhyay, Kisorilal ...	Ditto
	{ Sen, Binodchandra ...	Ditto
1914	{ Chattopadhyay, Chandicharan ...	Ditto
	{ Das, Gopendranath ...	Ditto
	{ Karkum, Annadacharan ...	Ditto
1915	{ Khaitan, Durgaprasad ...	Ditto
	{ Chattopadhyay, Rupamay ...	Ditto
1916	{ Bhattacharyya, Amulyakumar ..	Ditto
	{ Ray, Pratulchandra ...	Ditto
	{ Bandyopadhyay, Harendranath ..	Ditto
1917	{ " Pramathanath ..	Ditto
	{ Sengupta, Nalinikanta ...	Ditto
1918	{ Ghosh, Devaprasad ..	Ripon Law College
	{ Pal, Nirmalchandra ..	Dacca Law College
1919	{ Ghosh, Satyendranath ...	University Law College

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MAHARAJA SIR J. M. TAGORE MEDALS.

The late Maharaja Sir Jatindramohan Tagore, K.C.S.I., on the 13th February 1883 made over to the University of Calcutta a sum of Rs 3,500 in 4 (reduced to 3½) per cent. Government Promissory Notes in order to found two medals, a gold and a silver, one to be open to competition amongst all members of the University studying Law in any affiliated College who shall have attended 75 per cent of the lectures of the Tagore Law Professor for the year in which the examination shall be held.

The names of two students are published in the *Gazette*, and the medals are presented at the annual Convocation.

MEDALLISTS.

1883	{ 1 Bandyopadhyay, Pareschandra
	{ 2 Battacharyya, Manmathanath
1884	{ 1 Mukhopadhyay, Asutosh
	{ 2 Syed Shamsull Huda
1885	{ 1 Mukhopadhyay, Asutosh
	{ 2 Sen, Narayanchandra
1886	{ 1 Mukhopadhyay, Asutosh
	{ 2 Basu, Jnanendranath
1887	{ 1 Camell, Owen
	{ 2 Chattopadhyay, Ramapati
1888	{ 1 Bandyopadhyay, Haranchandra
	{ 2 Ghosh, Jnanendramohan
1889	{ 1 Bandyopadhyay, Saratchandra
	{ 2 Muhammad Mustafa Khan
1890	{ 1 Bandyopadhyay, Haranchandra
	{ 2 Muhammad Mustafa Khan
1891	{ 1 Das, Satyendranath
	{ 2 Bandyopadhyay, Haripada

- 1892 { 1 Shahabuddin Khan
2 Bandyopadhyay, Haripada
- 1893 { 1 Thakur, Akshaykumar
2 Ta, Jadunath
- 1894 { 1 Bandyopadhyay, Satischandra—*Extra Gold Medallist*.
2 Mukhopadhyay, Manmathanath
- 1895 { 1 Ray, Lalitmohan
2 Chakrabarti, Jnansaran
- 1896 { 1 Mitra Dwaikanath
2 „ Prabhaschandra
- 1897 { 1 Maitra, Jogendranath
2 Mitra, Dwarkanath
- 1898 { 1 Sanyal, Paradakanta
2 Sandell, S.
- 1899 { 1 Sil, Sibcharan
2 Chattopadhyay, Pramathanath
- 1900 { 1 Mitra, Birendranath
2 Bandyopadhyay, Kalipada
- 1901 { 1 Mallik, Bipinchandra
2 Bandyopadhyay, Jnanendranath
- 1902 { 1 Ray, Brajanath
2 Baral, Ratanchand
- 1903 { 1 De, Krishnaprasad
2 Das, Hariprasanna
- 1904 { 1 Sircar, G.
2 Ray, Bishnupada
- 1905 { 1 Sircar, G.
2 Raychaudhuri, Anilendranath
- 1906 { 1 Mukhopadhyay, Lalitmohan
2 Ghosh, Ajit
- 1907 { 1 Mukhopadhyay, Lalitmohan
2 Ray, Manmathanath
- 1908 { 1 Ray, Manmathanath—*Silver Medallist*.
2 Bandyopadhyay, Anupamchandra
- 1909 { 1 Chakrabarti, Kalikinkar
2 Chattopadhyay, Asiranjan
- 1910 { 1 Khaitan, Kaliprasad
2 Chattopadhyay, Asiranjan
- 1911 { 1 Goswami, Debendranath
2 Sarkar, Ambujaksha
- 1912 { 1 Bindhyabasini Prasad
2 Ray, Pratulchandra
- 1913 { 1 Das, Gopendranath
2 Khaitan, Durgaprasad
- 1914 { 1 Leharry, Neates C.
2 Baksi, Rajendrabhushan
- 1915 { 1 Majumdar, Dhirendrakumar
2 Baksi, Rajendrabhushan
- 1916 { 1 Majumdar, Dhirendrakumar
2 Mukhopadhyay, Ramaprasad
- 1917 { 1 Khaitan, Chandiprasad
2 Mukhopadhyay, Ramaprasad
- 1918 { 1 Chandra Bhan.
2

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DR. RAI DEBENDRANATH RAY BAHADUR GOLD MEDAL

Dewan Bahadur Dr. Hiralal Basu, Honorary Secretary to Dr. Rai Debendranath Ray Bahadur Memorial Fund placed at the disposal of the University 3½ per cent. G. P. Notes of the nominal value of Rs. 1,500 for the purpose of creating an endowment for the annual award of a Gold Medal of the value of Rs. 52-8-0 in memory of the deceased on the following conditions :—

(1) That an annual Gold Medal be instituted, bearing the words "Rai Debendranath Ray, Bahadur, Medal awarded to year" on one side and the University Arms on the other.

(2) That the Medal be presented publicly every year at the annual Convocation for conferring degrees to the graduate in Medicine who obtains the highest number of marks in Medical Jurisprudence at the Final M.B. Examination of the year.

(3) That the names of the Medallists be published in the Calender and in the *Calcutta Gazette*.

The donation was thankfully accepted by the Syndicate.

MEDALLISTS.

1910	De, Jyotishchandra	... Medical College
1911	Das, Manindranath	... Ditto
1912	Mallik, Bidhubhushan	... Ditto
1913	Mukhopadhyay, Sarojnath	... Ditto
1914	Bandyopadhyay, Kalipada	... Ditto
1915	Bandyopadhyay, Anilanganath	... Ditto
1916	Bhattacharyya, Sibapada	... Ditto
1917	Mukhopadhyay, Phanibhushan	... Ditto
1918	Ghosh, Jatindranath	... Ditto
1919	Saha, Rebatimohan	... Ditto

77

DR. RAKHALDAS GHOSH'S PRIZE.

Dr. Rakhal Das Ghosh made over to the University a 4 per cent. Port Trust Debenture of the value of Rs. 500 for the purpose of creating an endowment from the interest thereof for the annual award of a Prize of Medical books, on the following conditions :—

1. That an annual prize of Medical books be awarded publicly to the successful student, who secures the highest number of marks in *Materia Medica* in the First M.B. Examination.

2. That the Prize be called "Dr. Rakhal Das Ghosh's Prize."

3. That the names of the Prize-winners be published in the University Calendar.

The offer was thankfully accepted by the Syndicate at their meeting held on the 12th July, 1902.

PRIZE-WINNERS.

1904	Ray, Binodbihari	... Medical College
1905	Chaudhuri, Bankabihari	... Ditto
1906	Gangopadhyay, Pratulpati	... Ditto
1907	Bandyopadhyay, Hiranyakumar	... Ditto

1908	Maitra, Jatindranath	...	Medical College
1909	Mukhopadhyay, Harimohan	...	Ditto
1910	Pal, Nilmani	...	Ditto
1911	Saha, Brajaballabh	...	Ditto
1912	Ghosh, Nisanath	...	Ditto
1913	Bhattacharyya, Sibapada	...	Ditto
1914	Basu Sunilchandra	...	Ditto
1915	De, Manindranath	...	Ditto
1916	Basumallik, Kanailal	...	Ditto
1917	Basu, Panchanan	...	Ditto
1918	Mandal, Upendranath	...	Non-Collegiate Student
1919	Majumdar, Anilchandra	...	Medical College.

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EMPEROR EDWARD VII CORONATION MEDAL.

Babu Jagatchandra Dasgupta, L.M.S., Assistant Surgeon, Beer Hospital Nepal, made over to the University a sum of Rs. 425 on the following conditions :—

1. That the annual Silver Medal be instituted bearing the words "Emperor Edward VII Coronation Medal in Midwifery awarded by Jagatchandra Dasgupta L.M.S.," on one side, and the "University of Calcutta" on the other.
2. That the Medal be presented at the University Convocation for conferring degrees to that student who stands highest in Midwifery in the M.B. Examination; and in case there be no successful student at the M.B. Examination the medal be awarded to that successful L.M.S. candidate who stands first in Midwifery.
3. That the names of the Medallists be printed in the University Calendar.

The offer was thankfully accepted by the Syndicate at their meeting held on the 30th August, 1902.

MEDALLISTS.

1904	Maitra, Jatindranath	...	Medical College
1905	John, D.	...	Ditto
1906	L. T. Ah Pon	...	Ditto
1907	Sanyal, Charuchandra	...	Ditto
1908	Ray, Satyendranath	...	Ditto
1909	" Frobohdhchandra	...	Ditto
1910	Lahiri, Subodhkumar	...	Ditto
1911	Sinha, Atulkrishna	...	Ditto
1912	Sarkar, Akhilnath	...	Ditto
1913	Bandyopadhyay, Krishnadhan	...	Ditto
1914	Barma, Nauratanlal	...	Ditto
1915	Bagchi, Satinath	...	Ditto
1916	D. Richard Lewis	...	Ditto
1917	Basu, Indubhushan	...	Ditto
1918	Ray, Birendranath	...	Ditto
1919	Ghosh, Phanindranath	...	Ditto

79

GOODEVE MEDAL.

The joint Secretaries to the Goodeve Memorial Committee on the 6th May, 1891, made over to the University a Government Promissory Note for Rs. 500 on the following conditions :—

1. That an annual Silver Medal be instituted, bearing the words "Goodeve Medal" on one side and the University Arms on the other.
2. That the Medal be presented publicly every year at the annual convocation for conferring degrees to that student who obtains the highest number of marks in Medicine at the Second M.B. Examination of the year.
3. That the names of the Medallists be printed in the University Calendar.

MEDALLISTS.

1891	Datta, Surendranath	...	Medical College
1892	Majumdar, Nagendranath	...	Ditto
1893	Bhattacharyya, Sureschandra	..	Ditto
1894	De, Satischandra	...	Ditto
1895	Pal, Ratanchandra	...	Ditto
1896	Barat, Syamlal	...	Ditto
1897	Bhattacharyya, Surendranath	..	Ditto
1898	Datta, Ambikacharan	...	Ditto
1899	Brahmachari, Upendranath	..	Ditto
1900	Raychaudhuri, Ajitnath	...	Ditto
1901	Mitra, Guruprasad	...	Ditto
1902	" Ganendranath	...	Ditto
1903	C. V. Krishna Swamy Aiyer	...	Ditto
1904	Pan, Nanilal	...	Ditto
1905	John, D.	...	Ditto
1906	Gangopadhyay, Lalbihari	...	Ditto
1907	Sanyal, Charuchandra	...	Ditto
1908	Ray, Satyendranath	...	Ditto
1909	" Prabodchandra	..	Ditto
1910	De, Jotishchandra	..	Ditto
1911	Sinha, Atulkrishna	...	Ditto
1912	Sengupta, Bijayananda	...	Ditto
1913	Adhya, Jugalkisor	..	Ditto
1914	Raychaudhuri, Amalkumar	...	Ditto
1915	Gangopadhyay Harihar	..	Ditto
1916	Gladys Helen Marchant	...	Ditto
1917	Basu, Indubhushan	...	Ditto
1918	De, Manindranath	..	Ditto
1919	Beryl Wischam	...	Ditto

80

MCLEOD MEDAL.

On the 12th August, 1892, the Principal of the Medical College, Calcutta, made over to the University a sum of Rs. 1,250 handed over to him by Sir Kailaschandra Bose, a Fellow of the University on behalf of a young Marwari gentleman, for the purpose of instituting a Gold Medal to perpetuate the name of Dr. K. McLeod in connection with the University on the following conditions:—

1. That the Medal should bear the words "McLeod Medal awarded to..." on one side and the University Arms on the other.
2. That the Medal be presented publicly every year at the annual Convocation for conferring degrees to the successful student who obtains the highest number of marks in Surgery at the Second M.B. Examination.
3. That the names of the Medallists be published in the University Calendar.

MEDALLISTS

1892	Das, Kedarnath	...	Medical College
1893	Bhattacharyya, Sureshchandra	...	Ditto
1894	De, Satischandra	...	Ditto
1895	Sen, Satyendranath	...	Ditto
1896	Barat, Syamlal	...	Ditto
1897	Basu, Kartikchandra	...	Ditto
1898	Datta, Ambikacharan	...	Ditto
1899	Brahmachari, Upendranath	...	Ditto
1900	Mukhopadhyay, Girindranath	...	Ditto
1901	Maitra, Dwijendranath	...	Ditto
1902	Mitra, Ganendranath	...	Ditto
1903	" Pasupati	...	Ditto
1904	Pan, Nanilal	...	Ditto
1905	John, D.	...	Ditto
1906	Lahiri, Manmathanath	...	Ditto
1907	Sanyal, Charuchandra	...	Ditto
1908	Ray, Satyendranath	...	Ditto
1909	Kundu, Manilal	...	Ditto
1910	De, Jotishchandra	...	Ditto
1911	De, Jogeschandra	...	Ditto
1912	Sarkar, Akhilnath	...	Ditto
1913	Adhya, Jugalkisor	...	Ditto
1914	Barma, Nauratanlal	...	Ditto
1915	Nag, Sukumar	...	Ditto
1916	Bhattacharyya, Sibapada	...	Ditto
1917	Chattopadhyay, Panchanan	...	Ditto
1918	Mukhopadhyay, Nripendranath	...	Ditto
1919	Majumdar, Saurendramohan	...	Ditto

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AMBIKACHARAN CHAUDHURI MEDAL.

In 1879, Government accepted the offer of Babu Ambikacharan Chaudhuri B.C.E., Assistant Engineer, Nagode, to invest Rs 1,200 in 4 (reduced to 3½) per cent. Government Promissory Notes on condition that out of the interest of the above investment a medal is awarded annually to that student of the Seebpur Civil Engineering College who stands first in Mathematics at the B.E. Examination. The administration of the Fund was entrusted to the Principal, Civil Engineering College, Seebpur. The Director of Public Instruction, Bengal having proposed that the medal should in future, be publicly presented at the Convocation of the Calcutta University, the Government of Bengal, in its letter No. 409 dated the 19th July 1890, appointed the Registrar of the Calcutta University as administrator of the Fund in place of the Principal, Civil Engineering College, Seebpur. On 14th October, 1890, the latter officer made over to the University the sum of Rs 132-11-1, being the amount of balance at credit of the above fund and forwarded a copy of the Report on the audit of the account of the fund countersigned by the Accountant-General, Bengal. The investments at present, amount to Rs. 1,400 yielding an annual income of Rs 49.

MEDALLISTS.

1890	Mukhopadhyay, Kshirodchandra	...	Civil Engineering College
1891	Das, Girischandra	...	Ditto
1892	Sengupta, Madhusudan	...	Ditto
1893	De, Syamacharan	...	Ditto

1894	De, Nilmani	...	Civil Engineering College
1895	Das, Amarnath	...	Ditto
1896	Bandyopadhyay, Bholanath	...	Ditto
1897	Ghosh, Kisorimohan	...	Ditto
1898	Sarkar, Surendranath	...	Ditto
1899	Biswas, Surendranath	...	Ditto
1900	Modak, Binaykrisna	...	Ditto
1901	Bhattacharyya, Jnaneschandra	...	Ditto
1902	Kar, Upendranath	...	Ditto
1903	Sen, Jatindranath	...	Ditto
1904	Bandyopadhyay, Surendranath	...	Ditto
1905	Sarkar, Radhaballabh	...	Ditto
1906	Datta, Bhupendranath	...	Ditto
1907	Sen, Jagadischandra	...	Ditto
1908	Bandyopadhyay, Harendrakrishna	...	Ditto
1909	Bhattacharyya, Sricharan	...	Ditto
1910	Guin, Kalicharan	...	Ditto
1911	Chaudhuri, Surendramohan	...	Ditto
1912	Biswas, Prasannakumar	...	Ditto
1913	Guhathakurta, Jageschandra	...	Ditto
1914	Bandyopadhyay, Amulyaratna	...	Ditto
1915	Das, Pulinbihari	...	Ditto
1916	Bhattachayya, Mahendrakumar	...	Ditto
1917	" Suryyakanta	...	Ditto
1918	Dasgupta, Jitendranath	...	Ditto
1919	De, Jibankrishna	...	Ditto

82

SIBLEY SCHOLARSHIP.

The late Mr. George Sibley, formerly a Fellow of the University bequeathed all his shares in the Ghoosery Cotten Mills Company Limited to the Senate of the University "upon trust to found Scholarships of the value of Rs. 50 per mensem for graduates of the University in Civil Engineering, with power to divert from time to time any portion of the income not exceeding an equal moiety in any other way, which may in the opinion of the Senate be better calculated to further the study of Engineering Science among the natives of India." At the time of his death Mr. Sibley owned 225 shares in the above-named Company, their nominal value being Rs 200 each. Of these, 25 shares had to be sold to meet the claim of the Indian Revenue authorities in England demanding a legacy duty of 10 per cent. of the value of the shares and of the amount of any dividends received or accrued since the testator's death, and to pay the Attorney's bill of costs. The remaining 200 shares, together with dividend warrants for Rs 800, were made over to the Secretary and Treasurer, Bank of Bengal, with instructions to sell the shares at their market value, and to invest the sale proceeds and the amount of dividends in the 4 (reduced to 3½) per cent loan of 1865. The Faculty of Engineering at their meeting held on the 22nd March, 1893, recommended to the Syndicate that out of the interest of the above endowment one Scholarship, to be called the Sibley Scholarship, of Rs. 30 a month tenable for two years, be awarded annually (1) to any B.E. at the end of his practical course who attends and works regularly in an electrical laboratory or in an electrical workshop; or (2) to any B.E. who is *bona fide* working in a mine. The selection of the scholar to be according to their standing in the B.E. Examination, and each scholar to be required to submit to the Registrar a certificate of good conduct at the end of each month. The Scholarship to be forfeited if the conditions on which it is granted cease to be observed.

The recommendation of the Faculty of Engineering was adopted by the Syndicate at their meeting held on the 8th April, 1893.

SCHOLARS.

1895	Das, Rameschandra	...	Civil Engineering College
1896	Lahiri, Sarbaranjan	...	Ditto
1899	Mukhopadhyay, Haranchandra	...	Ditto
1900	Pal, Basantakumar	...	Ditto
1902	Stone, T. A. F.	...	Ditto

83

TREVOR MEDAL AND PRIZE.

The Trevor Testimonial Committee, on the 13th November, 1890, made over to the University the sum of Rs. 1,500 on the following conditions :—

1. That an annual silver medal be instituted bearing the words "Trevor Testimonial Medal" on one side and the University Arms on the other.
2. That the Medal be presented publicly to that Bengali student who obtains the highest number of marks amongst those successful candidates at the I.E. and B.E. Examinations who do not obtain the University gold medal
3. That a prize of Engineering books or instruments to the value of not less than Rs 35 be also awarded to the medallist.
4. That the names of the medallists be printed in the University Calendar.

MEDALLISTS AND PRIZE-WINNERS.

1891	Lahiri, Mohinimohan	Civil Engineering College
1892	Mukhopadhyay, Ahindrachandra	Ditto
1893	Pal, Saradasundar	Ditto
1894	Chakrabarti, Frischandra	Ditto
1895	Das, Amarnath	Ditto
1896	Datta Upendranath	Ditto
1897	Saha, Jnananjan	Ditto
1898	Das, Haridas	Ditto
1899	Ray, Chandrasekhar	Ditto
1900	Tafazal Ahmad	Ditto
1901	Sen, Jogeschandra	Ditto
1902	Deb Munindranath	Ditto
1903	Bandyopadhyay, Sailendranath	Ditto
1904	Sen, Bholanath	Ditto
1905	" Kshirodchandra	Ditto
1906	Dattagupta Jogeschandra	Ditto
1907	Gangopadhyay, Bipinbihari	Ditto
1908	Mukhopadhyay, Ansuji	Ditto
1909	Basu, Adyanath	Ditto
1910	Chakrabarti, Sasikanta	Ex-student, Civil Engineering College
1911	Chaudhuri, Surendramohan	Civil Engineering College
1912	Sengupta, Prasaddas	Ditto
1913	Sen, Amalchandra	Ditto
1914	Joardar, Harendranath	Ditto
1915	Das, Pulinbihari	Ditto
1916	Bhattacharyya, Mahendrakumar	Ditto
1917	Ghosh, Bhushanchandra	Ditto
1918	Sinharay, Binaykumar	Ditto
1919	De, Jibankrishna	Ditto

84

NARASINHA DATTA SCHOLARSHIP.

In September, 1915, Babu Lalmohan Mukerjee, B.L., placed at the disposal of the University of Calcutta 4 per cent. Port Trust Debentures of the nominal value of Rs. 2,500 for the purpose of founding from the interest thereof a scholarship in memory of late Rai Narasinha Datta, Bahadur, on the following conditions :—

(1) That a scholarship to be called the "Narasinha Datta Scholarship" of Rs. 8 per month tenable for one year be awarded to such successful candidate at the Matriculation Examination for the year, who being a student, of any of the H. E. Schools in the Howrah District, obtains the highest number of marks among his fellow students, but does not obtain a Government or any other scholarship.

(2) That the said scholarship be continued to the same student for a further period of one year, provided that he produces a report of satisfactory progress and good conduct from the Principal of the Institution. In this latter case, no new award shall be made for the year, and the next award shall be made after the expiry of that year.

(3) That if more than one boy obtain equal marks at the Matriculation Examination in the Howrah District, the poorest among the competitors, as recommended by the Divisional Inspector of Schools, shall get the scholarship

(4) That the scholarship shall be tenable in any College affiliated to the University of Calcutta in which the student desires to prosecute his studies

(5) That the remaining Rs. 4 or any balance left out of the total amount of the annual interest be made over to the authorities of the 'Students Fund' in connection with the Calcutta University Institute, to be spent by them in furtherance of the objects of the said Fund.

(6) That the names of the scholars be published in the University Calendar

SCHOLARS.

1917	Bhattacharyya, Niradbaran	..	Andul H. C. E. School
1918	" Niradbaran	..	St. Paul's C. M. College
1919	De, Dhiredranath	...	Baluti H. E. School

85

RAI DR. SOORJEECOOMAR SARBADHIKARI, BAHADUR GOLD AND SILVER MEDALS

The Joint Secretaries of the Soorjeecoomar Sarbadhikari Memorial Fund have placed at the disposal of the University 3½ per cent. G P. Notes to the value of Rs. 3,600 for creating an endowment for the annual award of a gold medal to the value of Rs. 100 and a silver medal to the value of Rs. 25 in memory of the late Rai Dr. Soorjeecoomar Sarbadhikari Bahadur, on condition that (1) the Gold Medal be awarded to the student who stands first in order of merit in the Final M. B. Examination held in May or thereabout and (2) the Silver Medal to the student who stands first in order of merit in the First M. B. Examination held in May or thereabout.

The offer was thankfully accepted by the Syndicate.

86

GUNENDRANATH GOLD MEDAL.

Rai Hemchandra Sarkar, Bahadur, placed at the disposal of the University $3\frac{1}{2}$ per cent G. P. Notes of the nominal value of Rs. 2,000 for the purpose of creating an endowment for the annual award of a gold medal, in memory of his son Gunendranath Sarkar, to the successful candidate at the I. A. Examination from the Ripon College Calcutta, who obtains the highest number of marks in English and History taken together.

The offer was thankfully accepted by the Syndicate.

1917	Mukhopadhyay, Jayantikumar ...	Ripon College
1918	Chakrabarti, Nareschandra ...	Ditto
1919	Goswami, Rabindramohan ...	Ditto

87

QUINLAN MEDAL.

Babu Bijaybihari Mukerjee, Secretary, Quinlan Memorial Fund, placed at the disposal of the University $\frac{3}{4}$ per cent. Government Promissory Notes of the nominal value of Rs. 500 for the purpose of creating an endowment for the annual award of a medal (1) to the student who gets his B. A. degree with First Class Honours in Political Economy and gets no other medal in the subject; (2) should there be two such students securing the same number of marks, the one with higher marks in the paper on Indian Economics (Paper III) will get it; (3) should there be no such student with First Class Honours in any year it may be given to such other student who passes with Honours in Political Economy as the Syndicate may recommend.

The offer was thankfully accepted by the Syndicate.

1917	Dasgupta, Bhanubhushan ...	Scottish Churches College
1918	Dam, Matilal ...	Dacca College
1919	Ghatak, Lahanyamohan ...	Presidency College

88

NARAYANCHANDRA SEN GOLD MEDAL.

Babu Jugal Kisor Datta placed at the disposal of the University Government Promissory Notes to the value of Rs. 1,000 for the purpose of creating an endowment, in memory of Babu Narayanchandra Sen, deceased, for the annual award of a gold medal to the successful candidate who obtains the highest number of marks in Mathematics at the Matriculation Examination from the Schools in the district of Howrah.

The offer was thankfully accepted by the Syndicate.

1917	Datta, Pareschandra ...	Howrah Zila School
1918	De, Asutosh ...	Ditto
1919	Mukhopadhyay, Narayanchandra ...	Bally Rivers Thompson School

MOHINIMOHAN RAY MEDAL.

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., offered to place at the disposal of the University, on behalf of the Mohinimohan Ray Memorial Committee, a 3½ per cent. Government security for Rs. 1,000 for the purpose, of creating an endowment for the annual award of a silver medal (rimmed with gold) to the best amongst the successful candidates at the B.A. and B.Sc. Examinations who obtains Honours in Physics and does not obtain a gold medal for proficiency in that subject.

The offer was thankfully accepted by the Syndicate.

1917	Bandyopadhyay, Jitendranath	...	Presidency College
1918	Mitra, Hirendralal	...	Scottish Churches College
1919	{ Khashtgir, Satisranjan	...	Presidency College
	{ Mukhopadhyay, Mrityunjay	...	Ditto

SREEKANTA SCHOLARSHIP.

Babu Suryyakanta Raychaudhuri, B.A., Zamindar, Taki, made over to the University 3 per cent. G. P. Notes for Rs. 4,000 for the purpose of creating an endowment in memory of his father, the late Babu Sreekanta Raychaudhuri for the annual award of a scholarship to the value of Rs. 5 per month tenable for two years to be called 'Sreekanta Scholarship' to be awarded to the best successful candidate at the Matriculation Examination on the following conditions:—

1. That the scholarship be called 'Sreekanta Scholarship' in memory of his revered father, late Babu Sreekanta Raychaudhuri and the names of the Scholars be published in the Calendar of the University.

2. That the Scholarship be awarded to the student who may be declared otherwise fit and eligible under the conditions hereinafter mentioned, in consideration of his prosecuting his studies in any college affiliated to the University of Calcutta.

3. That the scholarship be awarded to the successful candidate in the Matriculation Examination of the University of Calcutta for the year, who being a student of the Taki Government School obtains the highest number of marks among such of his fellow-students as do not obtain any other scholarship.

4. That should no student from the Taki Government School succeed in passing the Matriculation Examination aforesaid, or should such student pass but obtain any other scholarship, the scholarship shall be awarded to such successful candidate in the Matriculation Examination, who, being a student of Town Sripur H. E. School obtains the highest number of marks among such of his fellow students as do not obtain any other scholarship. In the event of a student of the Town Sripur H. E. School being found ineligible for the "Sreekanta Scholarship" it shall be awarded to a student of the Basirhat H. E. School fulfilling the conditions hereinbefore stated.

5. That if any year no student be eligible for the Scholarship according to the conditions hereinbefore mentioned from any of the aforesaid three schools the same shall be awarded to such deserving student of any other school, situated within the jurisdiction of the Commissioner of the Presidency Division, as the Syndicate of the Calcutta University shall select, having regard to the tenor and spirit of the conditions hereinbefore mentioned,

The offer was thankfully accepted by the Syndicate.

SCHOLARS.

1917	Raychaudhuri, Jitendranath ...	Taki Govt. High School
1918	Bandyopadhyay, Bijaybhushan ...	Ditto
1919	Brahma, Sailendranath ...	Ditto

DWIJENDRALAL RAY SCHOLARSHIP AND PRIZE.

The joint-treasurer, Dwijendralal Ray Memorial Fund, placed at the disposal of the University G. P. Notes of the nominal value of Rs. 7,500 for creating an endowment on the following conditions :—

(a) That the Scholarship shall be called the "Dwijendralal Ray Scholarship" and be tenable with any other scholarships and with the "Dwijendralal Ray Prize."

(b) That the value of the scholarship shall be Rs. 10 per month tenable for two years and shall be awarded to the student who having successfully passed the I.A. or I.Sc. Examination with the highest number of marks in Bengali shall prosecute further studies in any Institution affiliated to this University.

(c) That the value of the Prize shall be the surplus of the annual interest of the money deposited over the amount necessary for the Scholarship and shall be awarded to the same student with the Scholarship for the first month only. The prize shall consist of the works of the late Dwijendralal Ray and, if its value permit, of other Bengali books to be selected by the winner of the prize.

(d) That the name of scholars and prize-winners be published in the University Calendar.

(e) That the award of the Scholarship and Prize be made on the result of the examination of 1917.

The offer was thankfully accepted by the Syndicate at its meeting held on the 29th March, 1917.

SCHOLARS.

1917	Sinha, Kalinath ...	Metropolitan Institution
1918	{ Bardhan, Dhirendrachandra ...	Comilla Victoria College
	{ Sengupta, Jitendranath ...	Carmichael College
1919	Mukhopadhyay, Syamaprasad ...	Presidency College

92

ARUNCHANDRA MEDAL

Babu Dwijeschandra Chakrabarti of Gauripur, Assam placed with the University 5 per cent. War Loan Security for Rs. 500 for founding a silver medal in memory of his deceased son, Arunchandra Chakrabarti, to be called the "Arunchandra Medal" to be awarded annually to the successful student who stands first in English in the Matriculation Examination and a prize of religious books to the value of Rs 5 to be awarded to the same student. He further sent a cheque for Rs. 30 in order that the medal and the prize may be awarded on the results of the examination of 1917.

The offer was thankfully accepted by the Syndicate at its meeting held on the 20th July, 1917.

SCHOLARS.

1917	Guha, Brajakanta	...	Hailakandi V. M. High School
1918	Mitra, Bijanchandra	...	Hare School
1919	Ray, Satyendranath I	...	Ditto

93

Dr. J. N. DUTT MEDAL.

The Secretary, J. N. Dutt farewell committee placed at the disposal of the University 3½ per cent. G. P. Notes of the nominal value of Rs. 1,000 for the creation of an endowment for the annual award of a Silver Medal to be called "Dr. J. N. Dutt Medal" to the student who stands first in Bacteriology and Pathology in the 2nd or Final M.B. Examination held in March or April. The names of the medallists should appear in the University Calendar.

The offer was accepted by the Syndicate at its meeting of the 16th October, 1917.

94

NOBOKRISTO KAR MEDALS.

The late Babu Nabokristo Kar bequeathed by his will to the University a legacy of Rs. 1,000 for founding an endowment for the annual award of two silver medals—to be called "Nobokristo Kar Medal"—one to the student who obtains the highest number of marks in Sanskrit at the Matriculation Examination and the other to the student who obtains the highest number of marks in Chemistry at the I.Sc. Examination of the University.

The legacy was accepted by the Syndicate at its meeting of the 25th March 1918.

MEDALLISTS.

1919	{ Mukhopadhyay, Umaprasad	...	Mitra Institution, Bhowanipur
	{ Chakrabartty, Kumudinikanta	...	Presidency College

95

BRAHMAMAYI MEDAL.

Babu Adharchandra. Mookerjee, M.A., B.L., placed in the hands of the Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., President of the Councils of Post-Graduate Teaching in Arts and Science, G. P. Notes amounting to Rs. 2,500 for the promotion of Post-Graduate Teaching in this University on the following conditions:

1. That a gold medal be instituted to be named "Brahmamayi Medal" after the donor's mother.

2. That the medal awarded annually to that successful candidate at the M.A. Degree Examination in Indian Vernaculars who distinguishes himself most in Bengali as his special subject.

3. That the medal be publicly presented to the recipient at the annual Convocation for conferring degrees and the name be published in the Gazette and in the University Calendar.

The offer was thankfully accepted by the Senate at its meeting of the 23rd November, 1918.

96

SAROJINI MEDAL.

Babu Adharchandra Mookerjee, M.A., B.L., placed in the hands of the Hon'ble Sir Asutosh Mookerjee Kt., C.S.I., President of the Councils of Post-Graduate Teaching in Arts and Science, G. P. Notes amounting to Rs. 2,500 for the promotion of Post-Graduate Teaching in this University on the following conditions:

1. That a gold medal be instituted to be named "Sarojini Medal" after the donor's first daughter.

2. That the medal be awarded annually to that successful candidate at the M.A. Degree Examination in History who, having taken his B.A. Degree from the Scottish Churches College has prosecuted a regular course of study in that subject in the Post-Graduate Classes in the University.

3. That the medal be publicly presented to the recipient at the annual Convocation for conferring degrees and the name be published in the Gazette and in the University Calendar.

The offer was thankfully accepted by the Senate at its meeting of the 23rd November, 1918.

MEDALLIST.

1919 Dasgupta, Nirmalendu ... University Students

97

ADHARCHANDRA MOOKERJEE PRIZE

Babu Adharchandra Mookerjee, M.A., B.L. placed at the disposal of the University G. P. Notes amounting to Rs. 1,500 for the creation of an endowment for the annual award of a prize of books to the value of Rs. 50 on the following conditions:—

1. That the prize be awarded to the best successful candidate at the Matriculation Examination from Sarodaprasad Institution, Chakdighi; if the school should cease to exist or if in any year there should be no successful candidate from the school, the prize is to be awarded to the best candidate at the Matriculation Examination.

2. That the prize be awarded only on the production of a certificate from the Principal of a College that he has joined his institution for the purpose of preparing himself for the Intermediate Examination.

The offer was thankfully accepted by the Syndicate at its meeting of the 28th November, 1918.

PRIZE WINNER.

1919 Das, Kanailal ... Chakdighi Sarodaprasad Institution

98

SIR GOOROODASS BANERJEE PRIZE.

Babu Haranchandra Banerjee, M.A., B.L., placed at the disposal of the University on behalf of himself and other executors of the will of the late Sir Gooroo Dass Banerjee, Kt., M.A., D.L., Ph.D., a Government Promissory Note of the $3\frac{1}{2}$ per cent. loan of 1854-55 of the face value of Rs. 1,000 on the condition that out of the interest thereof, prize books are awarded annually to the student who will secure the highest place at the M.A. or M.Sc. Examination in *Vyavaharik Manevijnan* (Experimental Psychology).

The offer was thankfully accepted by the Syndicate at its meeting of the 11th April, 1919.

PRIZE WINNER

1919 Mitra, Suhritchandra ... University Student (S. C. College)

99

DURGAMANI DEVI GOLD MEDAL.

Babu Durgacharan Mookerjee placed at the disposal of the University, the sum of Rs. 1,500 in $3\frac{1}{2}$ per cent. Government Promissory Notes to create an endowment for awarding a biennial Gold Medal to be called [the "Durgamani Devi Gold Medal" on the following conditions :—

(1) The medal to bear the words "Durgamāni Devi Gold Medal awarded to" on one side, and the University Arms on the other :

(2) The medal to be presented publicly every alternate year at the Annual convocation for conferring Degrees, to that one of the successful candidates for the Degree of Master of Arts in Indian Vernaculars who obtains the highest number of marks.

(3) The names of the medallists to be printed in the University Calendar and published in the Gazette.

The Senate accepted to offer with thanks at its meeting of the 23rd August, 1919.

100

PEDLER MEMORIAL MEDAL OR PRIZE.

Rai Saheb Isanchandra Ghosh, Secretary, Pedler Memorial Committee, placed at the disposal of the University, $3\frac{1}{2}$ per cent. G. P. Notes for Rs. 500, for the annual award of a prize or medal to the student obtaining the highest percentage of marks in Practical Chemistry at the B.Sc. Examination either in the Pass Course or in the Honours Course, and the prize or medal is to be called the "Pedler Memorial Medal or Prize" after the late Sir Alexander Pedler, Kt., C.I.E., F.R.S.

The Syndicate at its meeting of the 21st March, 1919, accepted the offer with thanks.

MEDALLIST

1919 Chakrabarti, Sachindrabinod ... Rangoon College

101

SIDDHESWAR, SANTOMANI AND PASUPATI MEDALS.

Rai B. N. Das, Bahadur, M.A., B.Sc., a Member of the Senate placed at the disposal of the University, $3\frac{1}{2}$ per cent. G. P. Notes for Rs. 2,000 for the purpose of creating an endowment on the following conditions :—

1. That three silver medals be annually awarded out of the proceeds of the endowment—one to be called "Siddheswar Medal" in memory of the donor's father, the late Babu Siddheswar Dass of Chinsurah, who was a great lover of Bhagabat Geeta; the second to be called 'Santomani Medal' in memory of his late mother; and the third to be called 'Pasupati Medal' in memory of his brother the late Dr. Pasupatinath Das, L.M.S., who was appointed Resident Surgeon, Sambhunath Pandit Hospital, Bhowanipur, in March, 1906, and died in June of the same year of Septicæmia brought on by poison imbibed while performing an operation in the Hospital.

2. That the "Siddheswar Medal" be awarded to the candidate who passes the M.A. Examination in Sanskrit with the highest credit in Paper VIII, Group D (on Bhagabat Geeta). In default of such a candidate, the medal may be awarded to the successful candidate who stands first in any of the other papers of Group D, or in any of the papers in Group E, or in the entire list.

3. That the "Santomani Medal" be awarded to the best lady graduate, of the year.

4. That the "Pasupati Medal" be awarded to the successful candidate who stands first in Surgery at the Final M.B. Examination.

5. That the names of the Medallists be printed in the University Calendar.

The Syndicate at its Meeting of the 25th March, 1918, accepted the offer with thanks.

MEDALLISTS.

1919	Das, Sudhendukumar,	(Siddheswar ..	University Student
	Bhattacharyya, Surendranath	Medallist) ...	Ditto
	Myrtle Chick	(Santomoni	
		Midallist) ...	Non-Collegiate Student
	Majumdar, Surendramohan	(Pasupati	
		Medallist) ...	Medical College

102

SIR ASUTOSH MOOKERJEE PRIZE.

Prof. D. R. Bhandarkar and Mahamahopadhyay Dr. Satischandra Vidya-bhushan, Members of the Senate placed at the disposal of the University through the Secretary to the Council of Post-Graduate Teaching in Arts, Government Security for Rs. 1,000 representing the surplus of sums contributed by the friends and admirers of Sir Asutosh Mookerjee on the occasion of his birthday anniversary held on 1919 the income whereof is to be applied *for the present* in awarding a prize of books to the most deserving of the graduates undertaking the study of Indian Vernaculars in the M.A. Examination

The gift was thankfully accepted by the Senate, at its meeting of the 23rd August, 1919.

Govt. Securities of the nominal value of Rs. 1,200 bearing interest at the rate of $3\frac{1}{2}$ % per annum have been added to the fund and instead of one prize, two prizes will henceforth be awarded.

PRIZE WINNER

1919 Chaudhuri, Praphullachandra

103

KSHETRAMANI PRIZE.

Mr. G. C. Bose, M.A., a Member of the Senate, made over to the University 3½ per cent. G. P. Notes for Rs. 1,500 for the purpose of creating an endowment in memory of his deceased mother Kshetramani Dasi on the following conditions :—

1. That out of the interest of the amount, a prize of books be annually awarded to the Student of the Post-Graduate classes who passess the M.A. examination in Bengali most creditably.

2. That the prize be called the 'Kshetramani Prize.'

3. That the names of the prizemen be published in the Calendar.

The offer was thankfully accepted by the Senate at its meeting of the 23rd August, 1919.

104

REGINA GUHA MEDAL.

Mrs. Angelina Duke, Miss Hannah Guha, B.L. and Miss Kittly Guha, B.A. offered to place at the disposal of the University Rs. 1,000 in cash for the purpose of creating an endowment in memory of their deceased sister Miss Regina Guha, M.A., B.L., sometime a Tutor in English in the Post-Graduate Department of the University, on the following conditions :—

1. That a Gold Medal, to be called "Regina Guha Medal" be annually awarded to the candidate at the M.A. Examination whose thesis, according to the new Regulations, in English in lieu of Examination in two Papers, will be declared best and who successfully passes the Examination the same year.

2. That if in any year no candidate evinces sufficient merit to be entitled to the Medal, it be awarded to the successful candidate at the M.A. Examination who secures the highest mark in the Essay Paper.

3. That the Medal shall bear the University coat of arms on one side and the words 'Regina Guha Medal awarded to on the other and be presented publicly at the Annual Convocation of the Senate and the names of the Medallists to be published in the Gazette and in the University Calendar.

4. That the first 'Regina Guha Medal' be awarded on the result of the M.A. Examination of 1919.

The Senate has thankfully accepted the offer.

MEDALLIST.

1919 Mukhopadhyay, Ramaprasad ... University Student (Presidency College)

105

BANKUBEHARI GUPTA PRIZE.

The Rev. Canon A.N. Banerji and Mr. N. C. Banerji Executors, *Estate Amelia Gupta*, forwarded to the University a cheque for Rs. 2,000 together with the following extract from the will :—

"I give to the University of Calcutta the sum of Rs. 2,000 to be invested by them in Government or other approved securities and to apply the income thereof in paying and maintaining a prize of Medical books to be called 'Bankubehari Gupta Prize' to be awarded publicly every year to the successful student in the Second M.B. Examination of the said University, who secures the highest number of marks in Pathology, and I desire that the names of the prize-men should be published in the University Calendar."

The gift was thankfully accepted by the Syndicate at its meeting of the 29th August, 1919 and the money has been invested in 5 per cent. G. P. Notes (New Loan) for Rs. 2,100.

PRIZE-WINNER

1919 Deb, Rabindramohan ... Medical College

106

BANKO BEHARY BANERJEE, MEDAL.

In November, 1914, Mr. Sachiswar Banerjee made over to the University Government Promissory Notes worth Rs 3,000 bearing interest at 3½ per cent. for the purpose of creating an endowment in memory of his deceased father Mr. Banko Behary Banerjee on the following conditions :—

(1) That out of the said Government Promissory Notes a gold medal be annually awarded to the successful candidate in M. A. Examination in Political Economy scoring the highest number of marks in "Banking and Currency" as his special subject.

(2) That on one side of the medal be inscribed the armorial design of the University and on the other side, the name of the recipient together with the inscription "awarded in memory of Banko Behary Banerjee, Resident Zamindar Altapole, Jessore."

(3) That the names of the medallists be publish in the University Calendar and in the *Calcutta Gazette*.

(4) That the whole of the interest accruing from the amount be devoted to the finish and make of the medal and not spent otherwise

(5) That the medal be called the "Banko Behary Banerjee Medal."

The Senate has thankfully accepted the offer.

MEDALLIST.

1919 Nripendrabihary Bandyopadhyay ... University student

107

P. MUKHERJEE, MEDAL.

The Secretary, Mukherjee-Memorial Committee, with a view to commemorate the long connection of Mr. P. Mukherjee, B. Sc., M. R. A. S., with the

Presidency Division as Inspector of Schools, made over to the University Rs. 400 in the Government of India, 5 per cent. Income-Tax free loan of 1945—55 for instituting a silver medal, called the P. Mukherjee Medal, to be awarded annually to the student who stands first in the Matriculation Examination among the successful candidates from schools in the Presidency Division, the name of the recipient being announced in the *Calcutta Gazette* and the University Calendar.

The Syndicate at their meeting held on the 26th September, 1919, thankfully accepted the offer.

168

BRAHMAMOHAN MALLIK GOLD MEDAL.

The late Rai Brahmamohan Mallik, Bahadur, Inspector of Schools of the Western Circle and a Fellow of the University, bequeathed to the University securities of Rs. 2,500 for creating an endowment for the annual award of a gold medal to the best of the M. A. and M. Sc., graduates in alternate years. The Medal to bear the inscription "Brahmamohan Mallik, Gold Medal awarded to....." on the one side and the University Arms on the other.

The bequest was thankfully accepted by the Syndicate on the 13th February 1920.

109

JHUMMA, MEDAL.

Babu Srikumar Banerjee made over to the University a sum of Rs. 300 deposited with him by his friend the late Babu Jatindranath Basu, B. A., of Midnapore to be invested in 3½ per cent., G. P. Notes for the purpose of creating an endowment for the annual award of a silver medal bearing on one side the inscription, "Jhumma Medal, Sarasibala Dasi and Mahendranath Chaudhuri" and on the other "awarded by Swami Billadal and Habul" to be awarded to the candidate who stands first in Bengali at the Matriculation Examination. The names of the Medallists to be published in the calendar.

The offer was thankfully accepted by the Syndicate on the 19th March 1920.

110

THAKURDAS KERR MEDAL.

Babus Dhirendrachandra Kerr and Narendrachandra Kerr, made over to the University a 3½ per cent., G. P. Note for Rs. 3,000, for the purpose of creating an endowment for the annual award of a gold medal, to be called the *Thakurdas Kerr Medal*, in memory of their father late Babu Thakurdas Kerr, the sole Proprietor, of the firm of Messrs. R. Cambray & Co., and for many years publisher to the University, to the successful candidate who stands first in History at the B. A. Honours examination. The medal to bear the University arms on one side and the name of the medallists on the other and the names of the medallists to be published in the Calendar.

The offer was thankfully accepted by the Syndicate at their meeting held on the 23rd April, 1920.

111

SIR ASUTOSH MOOKERJEE MEDAL.

In honour of the Hon'ble Sir Asutosh Mookerjee, K.T., C. S. I., Acting Chief Justice of Bengal, the Assistants in offices of the Registrar and the Controller of Examination, Calcutta University (including University Press), made over to the University a $\frac{3}{4}$ per cent., G. P. Note for Rs. 500 for the purpose of creating an endowment for the annual award of a silver medal. The offer was thankfully accepted by the Syndicate at their meeting held on [the 7th May, 1920, and it was decided that the medal should be awarded to the successful candidate at the M. A. Examination in Indian Vernaculars who would secure the highest number of marks in Bengali.

112

RAJENDRANATH DUTT AND MONMOHINI MEDALS.

Babu Nitindrakrishna Dutt, Solicitor made over to the University on behalf of his client, Babu Prabhachandra Dutt, Executor of the Will of Sm. Monmohini Dutt deceased, a $\frac{3}{4}$ per cent., G. P. Note for Rs. 1,000 and a Cheque for Rs 16-6 representing interest on the same for the half year ending in December 1919, for the purpose of creating an endowment for the annual award of two silver medals, on conditions specified below:—

(1) One silver medal styled "Rajendranath Dutt Medal" to be awarded to the student who secures the highest number of marks in English at the Matriculation Examination from the Nibadhahi High English School (District Twenty-four Parganas) and (2) the other silver medal styled "Monmohini Medal" to be awarded to the student who secures the highest number of marks in Bengali at the Matriculation Examination from the said Nibadhahi High English School (District Twenty-four Parganas).

The offer was thankfully accepted by the Syndicate at their meeting held on the 28th May, 1920.

113

MADHUSUDAN MEDAL.

Mr. S. Modak, I. C. S., S. D. O., Munshiganj, made over to the University on behalf of Babu Upendrachandra Pal of Ramnagar, a sum of Rs. 1,040 for the purpose of creating an endowment for the annual award of a gold medal, to be called the Madhusudan Medal after the donors deceased father, to the student who stands first in Mathematics at the Matriculation Examination appearing from any of the High Schools in the Munshiganj Sub-division. The medal to bear the inscription "presented in honour of S. Modak, Esq., I.C.S., by Upendrachandra Pal of Ramnagar."

The offer was thankfully accepted by the Syndicate at their meeting held on the 17th June, 1920.

114

RAMAICHANDRA MITRA PRIZE.

Mr. Lalitchandra Mitra, made over to the University a $\frac{3}{4}$ per cent., G. P. Note for Rs. 1,000, for the purpose of creating in memory of his deceased son, Ramaichandra Mitra, an endowment, on the following conditions:—

(i) That out of the income of the endowment an annual prize in books of the value of Rs. 35 to be called the "Ramaichandra Mitra Prize," should be awarded to the successful candidate who obtains the highest number of marks in Bengali at the M. A. Examination.

(ii) That the prize should consist of books in Bengali to be selected by the winner, subject to the condition that the available books of the late Rai Dinabandhu Mitra, Bahadur, grand-father of the deceased, should form a part of the prize.

(iii) That the names of the prize winners should be published in the University Calendar.

The donor sent Rs. 17-8 in cash, which together with half yearly interest on the G. P. Note, due on the 31st October, 1920, would enable the University to award the prize for the first time on the results of the M. A. Examination of 1920.

The Syndicate at their meeting held on the 10th September, 1920, accepted the offer with thanks.

XI

Scholarships for Study outside India.

REVISED RULES

GOVERNMENT SCHOLARSHIPS TENABLE IN THE UNITED KINGDOM BY INDIANS.

No. 399, dated Simla, the 1st May, 1916.

RESOLUTION—By the Government of India, Department of Education.

Three questions of importance have lately been engaging the attention of the Government of India in connection with the policy regarding State scholarships :—

(a) The advisability, in the interest of female education in this country of assisting and encouraging Indian women to receive a medical training outside India in the United Kingdom or elsewhere ;

(b) The insufficiency, in some cases, of the existing rates of Government scholarships ; and

(c) The difficulty of securing the admission of State scholars to the Universities of Oxford and Cambridge.

2. The importance of (a) has been emphasised by the recent institution of a medical service for women in India. Moreover the provision of facilities for a course of training in Europe should increase the attractiveness of the study of medicine as well as afford an inducement and an opportunity for the best women graduates to undertake special courses of training abroad. The Government of India have accordingly invited and obtained the approval of the Secretary of State to the grant from Imperial revenues, to an Indian woman graduate of one scholarship annually, tenable in the United Kingdom or, with

special sanction, in foreign countries. This scholarship, however, will not necessarily be confined to the study of medicine but will also be available for training in certain other subjects. The general practice will be that while the scholarship will usually be awarded for the study of medicine, it may also be available for a candidate who desires to undertake some other educational or professional course. Further particulars regarding the scholarship will be found in Appendices I and II. The first scholarship will be awarded in 1916.

3. As regards paragraph 1 (b), it has been found that in the case of scholars residing at an Oxford or Cambridge College the allowance of 200*l* a year is sufficient only to cover the necessary expenses of college life and permits little margin for vacation and other expenses. The existing allowance of 150*l* in the case of Oriental scholars is also considered inadequate. Hence after consultation with Local Governments and with the sanction of the Secretary of State the Government of India are pleased to announce that—

(a) The value of the two Government of India University scholarships and of the scholarships granted to a male member of the domiciled community which are mentioned in paragraph 6 (a) and (c) of this resolution shall be raised from 200*l* to 250*l* a year when held in a college at Oxford or Cambridge.

(b) The value of the language or Oriental scholarships which are mentioned in paragraph 6 (d) of this resolution shall be raised from 150*l* to 200*l* a year on the understanding that the holders of these scholarships will in future be required to pay their own University fees; and it will be further increased to 250*l* a year on the same understanding when the scholarship is held in a college at Oxford or Cambridge.

(c) Before a male scholar leaves India his parent or guardian must show that he has sent to the Secretary for Indian students in London a sum of 25*l* for initial outfit expenses. In the case of a technical scholar the sum of 15*l* will be sufficient.

4. With regard to paragraph 1 (c), the difficulty of securing admission to colleges at Oxford and Cambridge is largely due to the late date on which applications for admission on behalf of State scholars are often received. The Secretary of State has recently pointed out that, to ensure success, such applications, accompanied by the requisite testimonials, should reach the Secretary for Indian Students in March or April each year. The importance of the early and punctual submission of the nomination of scholars was therefore brought to the attention of Local Governments and Universities. As will be observed from this Department's letter No. 2428-2432, dated the 24th December, 1913, nominations for University scholarships are required to be submitted in the spring or earlier. The Government of India have been in,

communication with the Secretary of State regarding this matter and have ascertained that, in cases where delay is inevitable through the necessity of awaiting examination results, arrangements for the admission of scholars to Oxford and Cambridge colleges may be made, provided that the selection is reported to the Secretary of State by telegram early in June and testimonials forwarded during that month. In order that this may be done, the Government of India desire that in the case of all State scholarships application should be received on or before May 15th at the very latest. Nominations submitted after that date cannot be considered, as otherwise the interests of the arrangements made for the admission of State scholars to the English Universities, and especially those of Oxford and Cambridge, will be rendered more effective.

5. For the sake of convenience the present opportunity is taken to supersede and collate all previous resolutions and orders on this subject, and to issue the present resolutions, the appendices to which deal with State scholarships of all kinds held abroad and the rules relating to them. It is proposed, instead of issuing supplementary instructions which may be required in future, to embody them in re-issues of the present appendices. It is thought that this method will be convenient to the public, since enquiries regarding the conditions of these scholarships are frequent.

6. The Government of India have from time to time sanctioned from Imperial revenues the following State scholarships (including that established, in this resolution) tenable abroad by students of this country :—

(a) Two scholarships of 200*l.* to 250*l.* [*vide* paragraph 3 (a)] to be awarded annually by the Universities (*vide* the Government of India, Home Department Resolution No. 1-45-57, dated the 12th February 1886).

(b) Ten technical scholarships of 150*l.* to be awarded annually to statutory natives of India (*vide* the Government of India, Home Department, Resolution No. 41, dated the 20th January 1904).

(c) One scholarship of 200*l.* or 250*l.* [*vide* paragraph 3 (a)] to be awarded annually to a male student of the domiciled community (*vide* the Government of India, Home Department, Resolution No. 221-238, dated the 19th March 1907).

(d) Two scholarships of 200*l.* or 250*l.* [*vide* paragraph 3 (b)] to be awarded annually for the study of Oriental languages (*vide* the Government of India, Home Department, Resolution No. 731-734, dated the 1st September 1908).

SCHOLARSHIPS FOR STUDY OUTSIDE INDIA

(e) One scholarship of 200l. to be awarded annually to a female candidate of the domiciled community (*vide* the Government of India, Department of Education, Resolution No 1233-1247, dated the 10th July, 1913).

(f) One scholarship of 200l. to be awarded annually to an Indian woman graduate (*vide* paragraph 2 of this resolution).

Further detailed information regarding these scholarships is given in appendices to this resolution.

APPENDIX II.

GENERAL AND SPECIAL RULES GOVERNING THE GRANT OF STATE SCHOLARSHIPS.

General Rules.

(i) Candidates must produce medical evidence of physical fitness to undergo a course of study abroad.

(ii) Except in the case of University scholarships for which (subject to the approval of the Governments of India, Madras and Bombay) the Universities make their own selection, each Local Government is invited to nominate annually a candidate or candidates, as the case may be, and the Government of India select from among those nominated the candidates who appear to them the best fitted to hold the scholarships. For technical scholarships no candidate is to be selected by Local Governments on the result of a competitive examination either open or limited.

(iii) Full details including the name and occupation of the scholar's father and place of birth, a summary of his academic career in India and a statement of the course of study proposed to be followed in the United Kingdom, should be furnished for transmission to the India Office some time before the scholar's arrival in England.

(iv) When nominating candidates already resident in the United Kingdom, Local Governments should give the earliest possible intimation to the Government of India regarding the qualifications of such candidates, the course of study they propose to pursue and their address in the United Kingdom. The Government of India will then communicate these particulars to the Secretary of State, and will await a reply from him before selecting the scholars. The Government of India will transmit to Local Governments the views or instructions received from the India Office at the earliest possible date and, if necessary by telegram.

(v) Difficulties sometimes arise owing to scholars arriving in England with preconceived plans and ideas based on the advice of educational authorities in India as to the courses of study they should follow and the institutions to which they should secure admission, or owing to a scholar's unassisted efforts on his arrival to make his own plans without a sufficient knowledge of the requirements of the educational institutions in the United Kingdom. To obviate this cause of difficulty arrangements should be made to let the India Office receive in good time any special suggestion that may be made by college professors and other educational authorities regarding the course of training which a particular scholar might follow with advantage.

(vi) Selected scholars should communicate with the local Advisory Committee in Burma, the local branch of the Burma Society) in order that they may obtain advice regarding certificates, etc., and they should, when proceeding to England, take with them the originals of their certificates, testimonials and other important personal documents suggested to them by the local Secretary to the Advisory Committee.

(vii) State scholars are required to proceed to England within a reasonable time from the date of their selection so as to arrive there not later than the middle of September, and to reside there for the period of their scholarship unless compelled to return sooner in consequence of ill-health. The scholarship will be payable from the date on which the scholars report their arrival in England. Selected scholars will be provided with a second-class passage to England and also with a second-class return passage if they carry out the instructions of the Secretary of State and complete the full period of residence or are compelled by sickness to return within that period.

(viii) The scholarships carry with them no conditions as to any subsequent career or service under Government and no expectations of such employment are held out.

II—SPECIAL RULES.

(a) *University Scholarships.*

It is open to each University to consider whether a special examination should be held for the selection of the scholars, or whether the selection should be made on the results of the ordinary examinations. If special examinations are held, the regulations which the University concerned may propose to lay down in regard thereto should be submitted for the previous approval of the Government of India, the necessary arrangements for the conduct of the examinations being made under the orders of the University authorities. The candidates for the special examinations, when such examinations are held, must be young men of proved ability, and will be selected by the Vice-Chancellor on the report of the Syndicate or governing body, who will in their turn be guided by the opinions of the professors and examiners concerned.

(b) *Technical Scholarships.*

(i) Local Governments will consider what industries are of importance in the province, and which of them may best be encouraged by scholarships, taking care to connect the scholarship scheme with the system of technical and industrial education in the province. Industries in which Indian capital and enterprise are engaged or likely to be engaged are particularly appropriate for selection.

(ii) In the autumn of each year Local Governments consult local bodies leading firms and selected individuals as to the industry which is to be encouraged, etc, and, as a result of this preliminary consultation issue a notification (with a copy of the technical scholarship rules) containing full particulars of the scholarship to be awarded, not later than December.

(iii) If Local Governments anticipate difficulty in arranging suitable courses in certain subjects, such as the study of fats, oils and soaps, glass making or the manufacture of sugar, a copy of the notifications is sent to the Government of India, who communicate with the Secretary of State early in January. The Government of India will reserve their final selection for scholarships till they have ascertained from the Secretary of State that suitable arrangements can be made in such subjects. In case courses cannot be arranged in any subject, it may be found convenient for Local Government to mention more than one industry in the notification, so that there may be a certain range of subjects and of candidates from which selection can be made.

(iv) In determining the industry to be studied and in choosing a candidate for the scholarship, Local Governments are required to bear in mind the importance of insuring that the scholar on his return will find scope for his skill and experience. In recommending a candidate for the study of any industry connected with agriculture, Local Governments might with advantage consult the Agriculture Adviser to the Government of India as to the course of training which the selected scholar should undergo.

(v) The subjects excluded from the scope of these scholarships are Law, Medicine, Forestry, Veterinary Science, Agriculture, Civil Engineering and Geology. It is not intended to send scholars either to Europe or to America to study the extraction of alkalis or vegetable oil-pressing.

(iv) Candidates selected for scholarships should ordinarily be of such formed character and habits, and of such an age, that detailed tutelage should be unnecessary.

(vii) The form in which recommendations should be submitted will be found in Appendix III to this resolution.

(viii) If a technical scholar is receiving preliminary training in India, a report upon his work and progress should be forwarded to the Government of India for transmission to the Secretary of State at the end of each year, so that his training in India and England may be made parts of one considered plan, and that no time may be lost on his arrival in England.

(c) *Domiciled Community Scholarship (Male Candidates).*

(i) The two main principles which govern the grant of this scholarship are —

(a) that, as the object in view is to assist a scholar to take up a University course in England, the scholarship will ordinarily be awarded to a young man at the close of his school career in India so that he may join the University as far as possible at the same age as boys educated in England;

(b) the scholarship will be given to the scholar who is most fitted to benefit from a course of study at a University.

(ii) In making the selection due regard will be paid to the claims of each province to participate in its turn in the scheme.

(d) *Language or Oriental Scholarships.*

(i) The Scholarship will as a rule be awarded to a candidate who has passed examinations in India which will obtain for him admission to a University in Europe as an advanced or research student.

(ii) Some elementary knowledge of French and German should, if possible, be acquired by the scholar before leaving India.

(iii) In the selection of scholars for the study of Sanskrit regard should be paid to the following considerations. As the vast range of Sanskrit literature makes it necessary for a scholar to select some special field of Sanskrit learning in which to specialise the choice of the special branch of study should be made in India and the pertinent preparatory studies completed before the scholar leaves for Europe. Professors of Sanskrit in various European University have complained that individual language scholars have been unable to enter at once on the course of study best fitted for them through lack of preliminary knowledge which could quite well have been acquired in India. Accordingly if a Sanskrit scholar wishes to specialise on :—

(a) Veda or Philology, he should have some knowledge of Latin and Greek;

(b) Philosophy, he should have studied one of the systems of Indian Philosophy in the Original texts, and have read some Plato and Aristotle;

(c) Post-Vedic Literature, his reading should have extended considerably beyond the limits of the courses prescribed for the M.A. Examination of an Indian University.

(e) *Domiciled Community Scholarship (Female Candidates) and Scholarship to Indian Women.*

If a select scholar has friends or relatives in the United Kingdom willing to receive her during vacations, their names and addresses should be forwarded to the Educational Adviser in London.

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APPENDIX III.

FORM IN WHICH RECOMMENDATIONS FOR STATE TECHNICAL SCHOLARSHIPS
SHOULD BE MADE.

No.	Name of candidate and place of origin.	Age.	Parentage (father's name, occupation, ect.).	Academic and practical qualifications, of the candidate	Subject chosen for study.	Whether physically fit to undergo the necessary training.	Prospects of employment, on return.	REMARKS.

APPENDIX IV.

RULES FOR GOVERNMENT OF INDIA (UNIVERSITY) SCHOLARS IN THE
UNITED KINGDOM.

1. Government scholars are required to avail themselves of the information and advise which the Secretary for Indian students and the Local Adviser at University centres are in a position to give them, and to apply to their Local Adviser for instructions as regards their studies and in any circumstances of difficulty. The Local Advisers at Oxford, Cambridge, Manchester Edinburgh and Glasgow have charge of Government scholars studying at those Universities. Scholars studying at other British Universities will be under the charge of the Educational Adviser in London. The Adviser is the proper person to bring before the Secretary for Indian students any matter requiring the sanction of the Secretary of State in Council.

2. Every scholar should on reaching England at once report himself to the Educational Adviser in London at 21, Cromwell Road, R. W. Accommodation for new arrivals is provided in that house. After seeing the Educational Adviser in London, and consulting with him in regard to his course of study, he should also call on the Secretary for Indian Students at the India Office.

3. Every scholar must obey all instructions which he may receive, either through the Secretary for Indian Students or through his Local Adviser, and must consult his Local Adviser regularly in regard to his work. Any course of study which requires and has received the sanction of the Secretary of State will not be changed without similar sanction.

4. Every scholar must from time to time, whenever the Local Adviser requires it, submit a certificate from the proper College or University Authority, showing that his conduct and progress in study have been satisfactory.

5. Subject to a due compliance with the above conditions, the scholar's allowance will be paid quarterly in advance by the India Office to the Local

Adviser under whose charge he is. It will begin from the date of the scholar's reporting his arrival in England and the Local Adviser will disburse it to the scholar in such instalments as convenience may dictate. Three months after the date of reporting arrival, the amount to the ensuing official Quarter Day* will be paid to the Local Adviser, and subsequent payments will be made in advance on or after each official Quarter Day. The allowance will be at the rate of 200*l.* a year, except in the case of scholars admitted to the colleges at Oxford or Cambridge, whose allowances will be increased to 250*l.* a year to cover the additional expenses involved.

6. Every scholar is required to lodge with the Secretary for Indian Students at the India Office, London, before his arrival in England, the sum of 25*l.* for initial expenses. He will have no claim to payment of any instalment of his scholarships until this deposit has been made.

7. Charges for University and College fees, for private tuition, for books, hotel bills, medical attendance, and travelling (except the two journeys between England and India), must be borne by the scholar and will not be defrayed by the Secretary of State.

8. The scholarship is granted for three years, unless the Secretary of State in the exercise of his discretion sees reasons to terminate it sooner. Every scholar will forfeit his scholarship, who, not being disabled by illness or prevented by any other cause which the Secretary of State may consider sufficient, fails to comply with the Rules here set forth. It may be terminated at any time if a scholar falls in health or conduct.

9. On the expiration of the scholarship a scholar is provided by the India Office with a free second-class passage to India, and he should apply for it without delay through his Local Adviser. He is not entitled to make his own passage arrangements, and to claim an allowance in lieu from the India office. If a scholarship be forfeited, or if it be resigned before completion of its term, or if the holder of it, on completion of its term, declines to return to India when instructed to do so, the scholar will lose his claim to a free passage back to India.

APPENDIX V.

RULES FOR GOVERNMENT OF INDIA (SANSKRIT AND ARABIC) SCHOLAR IN EUROPE.

1. All Government scholars are required to avail themselves of the information and advice which the Secretary for Indian Students and the Local Advisers at University centres are in a position to give them, and to apply to their Local Adviser for instruction as regards their studies and in any circumstances of difficulty. The Local Advisers at Oxford, Cambridge, Manchester, Edinburgh and Glasgow have charge of Government scholars studying at those Universities. Scholars studying at other British Universities or abroad will be under the charge of the Educational Adviser in London. The Adviser is the proper person to bring before the Secretary for Indian Students any matter requiring the sanction of the Secretary of State in Council.

2. Every scholar should, on reaching England, at once report himself to the Educational adviser in London at 24, Cromwell Road, S. W. Accommodation for new arrivals is provided in that house. After seeing the Educational

* Note.—The Official Quarter Days are the 1st of January, the 1st of April, the 1st of July and the 1st of October.

Adviser in London and consulting with him in regard to his course of study, he should also call on the Secretary for Indian Students at the India Office.

3. Every scholar must obey all instructions which he may receive either through the Secretary for Indian Students or through his Local Adviser. He must consult his Local Adviser regularly in regard to his work and carry out any course of study which the Adviser may ultimately prescribe. Any course which requires and has received the sanction of the Secretary of State will not be changed without similar sanction.

4. Every scholar must, from time to time, whenever the Educational Adviser in London or other Local Adviser requires it, submit a certificate from the proper College or University Authority, showing that his conduct and progress in study have been satisfactory.

5. Subject to a due compliance with the above conditions, the scholar's allowance will be paid quarterly in advance by the India Office to the Local Adviser under whose charge he is. It will begin from the date of the scholar's reporting his arrival in England, and the Local Adviser will disburse it to the scholar in such instalments as convenience may dictate. Three months after the date of reporting arrival, the amount to the ensuing official Quarter Days* will be paid to the Local Adviser, and subsequent payments will be made in advance or after each official Quarter Day. The allowance will generally be at the rate of 200*l.* a year, and Language Scholars will not, as a rule be expected to join Colleges at Oxford or Cambridge. But in the event of a Language Scholar being admitted to an Oxford or Cambridge College, his allowance will be increased to 250*l.* a year, to cover the additional expenses involved.

6. Every scholar is required to lodge with the Secretary for Indian Students at the India Office, London, before his arrival in England, the sum of 25*l.* for initial expenses. He will have no claim to payment of any instalment of his scholarship until this deposit has been made.

7. The necessary travelling expenses of scholars abroad by second class or by third class, if no second be available, will be defrayed by the Secretary of State. These expenses should be claimed on forms obtainable from the Adviser. Travelling expenses in the United Kingdom will be borne by the scholars themselves. Charges for University and College fees, for private tuition, for books, hotel bills and medical attendance must be borne by the scholar and will not be defrayed by the Secretary of State.

8. No claim can be admitted for the payment of any expenditure unless the scholar has obtained *previous* sanction from the Secretary of State.

9. The scholarship granted in the first instance for two years, unless the Secretary of State in the exercise of his discretion sees reason to terminate it sooner. Every scholar will forfeit his scholarship who, not being disabled by illness or prevented by any other cause which the Secretary of State may consider sufficient, fails to comply with the Rules here set forth. The scholarship may, for sufficient reason, be extended beyond two years by the Secretary of State. It may be terminated at any time within the first two years or later, if a scholar fails in health or conduct.

10. On the expiration of the scholarship a scholar is provided by the India Office with a free second-class passage to India, and he should apply for it without delay through his Local Adviser. He is not entitled to make his own

* *Note*.—The Official Quarter Days are the 1st of January, the 1st of April the 1st of July and the 1st of October.

passage arrangement and to claim an allowance in lieu from the India Office. If a scholarship be forfeited, or if it be resigned before completion of its term, or if the holder of it on completion of its term declines to return to India when instructed to do so, the scholar will lose his claim to a free passage back to India.

APPENDIX VI.

RULES FOR GOVERNMENT OF INDIA (TECHNICAL SCHOLARS) IN THE UNITED KINGDOM.

1. All Government scholars are required to avail themselves of the information and advice which the Secretary for Indian Students and the Local Advisers at University centres are in a position to give them, and to apply to their Local Advisers for instructions as regards their studies and in any circumstances of difficulty. The Local Advisers at Oxford, Cambridge, Manchester, Edinburgh and Glasgow have charged of Government scholars studying at those Universities. Scholars studying elsewhere will be under the charge of the Educational Adviser in London. The Adviser is the proper person to bring before the Secretary for Indian Students any matter requiring the sanction of the Secretary of State in Council.

2. Every scholar should on reaching England at once report himself to the Educational Adviser in London at 21, Cromwell Road S. W. Accommodation for new arrivals is provided in that house. After seeing the Educational Adviser in London, and consulting with him in regard to his course of study he should also call on the Secretary for Indian Students at the India Office.

3. Every scholar must obey all instruction which he may receive, either through the Secretary for Indian Students or through his Local Adviser, and must consult his Local Adviser regularly in regard to his work. No course of study will be sanctioned which does not provide for an adequate practical training. Any course which has received the sanction of the Secretary of State will not be changed without similar sanction.

4. Every scholar must from time to time, whenever the Local Adviser requires it, submit a certificate from the proper College or University, Authority, or from any other Authority under whom he is working, showing that his conduct and progress have been satisfactory.

5. Every scholar must give a written undertaking that he will devote himself exclusively, during the tenure of his scholarship, to the study of the subject for which his scholarship was granted, and that he will return to India on its termination and there continue to devote himself to the industry which he has studied. Any scholar who neglects his studies, or tries to work for any other profession concurrently, will render himself liable to forfeiture of his scholarship.

6. Every scholar will be required to keep a concise diary, to be submitted at the end of each term to his Local Adviser, and to be forwarded through the Local Adviser at the end of each academic year to the Secretary of State for transmission to India.

7. Scholars will be expected to continue their studies during vacations with the exception of three weeks in each year. Vacation study should, as far as possible, take form of practical work.

8. Plans for vacation work, accompanied by a complete estimate of any extra expenses for fees or travelling involved, should be sent in to the Local Adviser six weeks before the end of any academic term. Scholars are not entitled to any subsistence allowance in addition to the scholarship allowance

during time spent on vacation work, but a scholar who receives permission to visit the Continent may, if the Secretary of State for India in Council considers that the circumstances render it desirable, be granted a subsistence allowance calculated at such rate as the Secretary of State may decide.

9. Subject to a due compliance with the above conditions the scholar's allowance will be paid quarterly in advance by the India Office to the Local Adviser under whose charge he is. It will begin from the date of the scholar's reporting his arrival in England, and the Local Adviser will disburse it to the scholar in such instalments as convenience may dictate. Three months after the date of reporting arrival, the amount to the ensuing official Quarter Day* will be paid to the Local Adviser, and subsequent payments will be made in advance on or after each official Quarter Day.* The allowance will, except in special cases, be at the rate of 150*l.* a year.

10. Every scholar is required to lodge with the Secretary for Indian Students at the India Office, London, before his arrival in England the sum of 15*l.* for initial expenses. He will have no claim to payment of any instalment of his scholarship until this deposit has been made.

11. Charges for University and College fees, premiums for practical training, and the necessary expenses of scholars by second-class, or by third-class, if no second be available, will, if sanctioned, be defrayed by the Secretary of State. Applications for payment of all these charges should be made through the Local Adviser. But charges for private tuition, unless specially sanctioned, for books, instruments, hotel bills and medical attendance, must be paid by the scholar himself.

12. No claim can be admitted for the payment of any expenditure unless the scholar has obtained *previous* sanction from the Secretary of State.

13. The scholarship is granted in the first instance for two years, unless the Secretary of State in the exercise of his discretion sees reason to terminate it sooner. Every scholar will forfeit his scholarship who, not, being disabled by illness or prevented by any other cause which the Secretary of State may consider sufficient, fails to comply with the Rules here set forth. It may be terminated at any time if a scholar fails in health or conduct. It may also be extended for a third year or longer, if the Secretary of State decides that such an extension is required to complete the scholar's training.

14. On the expiration of the scholarship a scholar is provided by the India Office with a free second-class passage to India, and he should apply for it without delay through his Local Adviser. *He is not entitled to make his own passage arrangements and to claim an allowance in respect from the India Office. If a scholarship be forfeited, or if it be resigned before completion of its term, or if the holder of it, on completion of its term, declines to return to India when instructed to do so, the scholar will lose his claim to a free passage back to India.

APPENDIX VII.

RULES FOR GOVERNMENT OF INDIA (WOMEN SCHOLARS IN THE UNITED KINGDOM.

1. All Government scholars are required to avail themselves of the information and advice which the Secretary for Indian Students and the Local

* *Note*.—The official Quarter Days are the 1st of January, the 1st of April, the 1st of July and the 1st of October.

Advisers at University centres are in a position to give them, and to apply to their Local Adviser for instructions as regards their studies and in any circumstances of difficulty. The Local Advisers at Manchester, Edinburgh and Glasgow have charge of Government scholars studying at these Universities. Scholars studying elsewhere will be under the charge of Educational Advisers in London. The Adviser is the proper person to bring before the Secretary for Indian Students any matter requiring the sanction of the Secretary of State in Council.

2. Every scholar should on reaching England at once report herself to the Educational Adviser in London at 21, Cromwell Road, S.W. After seeing the Educational Adviser in London, and consulting with him in regard to her course of study, she should also call on the Secretary for Indian Students at the India Office.

3. Every scholar must obey all instructions which she may receive, either through the Secretary for Indian Students or through her Local Adviser, and must consult her Local Adviser regularly in regard to her work and her residence during vacations. Any course of study which requires and has received the sanction of the Secretary of State will not be changed without similar sanction.

4. Every scholar must from time to time, whenever the Local Adviser requires it, submit a certificate from the proper college or University Authority, showing that her conduct and progress in study have been satisfactory.

5. Subject to a due compliance with the above conditions, the scholar's allowance will be paid quarterly in advance by the India Office to the Local Adviser under whose charge she is. It will begin from the date of the scholar's reporting her arrival in England and the Local Adviser will disburse it to the scholar in such instalments as convenience may dictate. Three months after the date of reporting arrival, the amount to the ensuing official Quarter Day will be paid to the Local Adviser, and subsequent payments will be made in advance or after each official Quarter Day. The allowance will be at the rate of 200*l.* a year.

6. Charges for University and College fees, for private tuition, for books, instruments, hotel bills, medical attendance and travelling (except the two journeys between England and India), must be borne by the scholar and will not be defrayed by the Secretary of State.

7. The scholarship is granted in the first instance, for three years, unless the Secretary of State in the exercise of his discretion sees reason to terminate it sooner. Every scholar will forfeit her scholarship who, not being disabled by illness or prevented by any other cause which the Secretary of State may consider sufficient, fails to comply with the rules here set forth. It may be terminated at any time if a scholar fails in health or conduct.

8. On the expiration of the scholarship a scholar is provided by the India Office with a free second-class passage to India, and she should apply for it without delay through her Local Adviser. She is not entitled to make her own passage arrangements, and to claim an allowance in lieu from the India Office. If a scholarship be forfeited, or if it be resigned before completion of its term, or if the holder of it, on completion of its term, declines to return to India when instructed to do so, the scholar will lose her claim to a free passage back to India.

RULES FOR ELECTION TO THE GOVERNMENT SCHOLARSHIPS.

1. Candidates for the Government Scholarships must be natives of India, within the meaning of Section 6 of the Statutes 33, Vic. Cap. 3.

*Note—The official Quarter Days are the 1st of January, the 1st of April, the 1st of July and the 1st of October.

2. The selection of the scholars shall take place not later than the month of January in the year in which the Scholarship is placed at the disposal of this University.

3. The candidates for the Scholarships shall be only such Graduates of the University as have passed the examination for the degree of M.A. or M.Sc. or the examination for the degree of B.A. or B.Sc. with Honours.

4. Candidates for the examinations mentioned in the preceding rule who are desirous of competing for the Government Scholarships at the disposal of this University either in the year of their examinations, or in the three following years shall intimate the fact to the Registrar at the time they make their applications for these examinations and shall state whether they have the consent of their families to proceed to England in order to complete a University education there.

5. It shall be the duty of the Boards of Examiners in submitting the results of the examinations mentioned in rule 3, to state which of the candidates are in their opinion fit and proper persons to be selected for the Government Scholarships.

6. Candidates for the Scholarships who have been admitted by the Board of Examiners under the preceding rule, shall not later than the 7th January in the year in which it is to be awarded, submit to the Registrar certificates of—

(a) their good conduct from persons of respectability and position with whom they may be acquainted,

(b) their knowledge of the English language, from one or more of the Professors of the College in which they have been educated, and

(c) their physical capacity to undergo the course of life and study which they will have to follow in England, signed or countersigned by a Presidency or Civil Surgeon.

A candidate should ordinarily be over 22 and under 25 years of age at the time when the Selection for the Scholarship is made. The Government of India will however be prepared to consider the relaxation of this rule in exceptional circumstances and that every such case will be submitted for their orders before the Scholarship is actually awarded.

A certificate of age on the 31st of January must also accompany each application, and each candidate must state in his application the name of his father the place of his residence and whether he has the consent of his family to proceed to England in order to complete a University education there. Each application must also contain a brief statement of the candidate's academical career.

Each candidate is also required to satisfy the University that if elected to the Scholarship, he will have other resources besides his Scholarship to enable him to meet expenses in the vacation and other general expenses which may be unavoidable.

7. In the year in which the selection is to take place, the names of those candidates recommended by the Boards of Examiners for the year and for the three preceding years shall be laid before a Committee of the Syndicate consisting of not more than three members who shall have power to call for reports from the Principals and Professors of the Colleges in which the graduates were educated, and to make such other enquiries as they think fit, and who shall recommend to the Vice-Chancellor one of the candidates for selection.

SCHOLARS.

- 1886 Jogindranath Das, B.A.
- 1888 Abdul Majid, B.A.
- 1890 J. Platel, B.A.
- 1893 Atulchandra Chattopadhyay, B.A.
- 1895 Jogindranath Pal, B.A.
- 1898 Harinath De, M.A.
- 1900 Mahimchandra Ghosh, B.A.
- 1903 Birendranath De, B.A.
- 1905 Praphullakumar Chakrabarti, M.A.
- 1908 Satischandra Majumdar, B.Sc.
- 1910 Kshitishchandra Sen B.A.
- 1913 Satyendranath Modak, M.A.
- 1915 Nilratan Dhar, M.Sc.
- 1918 Amareschandra Chakrabarti, M.Sc.

GURUPRASANNA GHOSH SCHOLARSHIP.

The terms of the bequest are given in the following extract from the Will.—

"I direct that my executors shall, after payment of all my just debts and making due provision for the objects hereinbefore mentioned and the costs they are likely to incur in the administration of my estate, sell the rests and residue of such of my estate as consists of landed properties and my jewellery and furniture and make over the proceeds thereof and all monies or securities for money of which I may be possessed to the University of Calcutta for the following purposes—namely, that the said University shall, out of the income thereof, send every year or as often as funds will permit either together or alternately pure natives of Bengal to study in Europe, America or Japan the Arts Sciences and Industries of Europe and America on such conditions and terms as to the said University may seem proper but they must bear in mind my intention which is as follows:—*viz.*, the promotion of real learning amongst our young men so that they may become specialists in some subjects of Arts or Science, the cultivation of the knowledge of agriculture and of the industries of Europe and America or the East.

It is my desire that the University should further my object by awarding fellowships tenable for a certain number of years or in such other way as to the University may seem proper. In the case of boys or young men sent out to learn the industries of Europe, America or the East, or Agriculture, it is my desire, that such educational tests be not laid as the condition for the obtaining of fellowships for that purpose as to make it possible for none but graduates to compete. My object is that young men possessed of energy and such preliminary knowledge as may be necessary should be sent and that the sons of artisans and mechanics following such industry in India may avail themselves of the fellowship. Preference should always be given to Hindus; if the University declines to undertake the work I direct my executors and trustees to discharge the functions themselves and make such arrangements as they think best. I give liberty to my executors and trustees to vary this direction if they think desirable in furtherance of the Tata Scheme, regard being had to the method in which I wish this direction to be carried out."

The following scheme for giving effect to the wishes of the Testator has been adopted by the Senate:—

1. Not less than three scholarships each to be called "The Guruprassanna Ghosh Scholarship" shall be maintained out of the income of the endowment. Each Scholarship, shall be tenable for three years, and one appointment shall be

made annually. A scholarship, if tenable in Japan, will be of the annual value of Rs. 1,000 : if tenable in Europe or America of the value of Rs. 2,000

2. Candidates for the scholarships must under the terms of the Will of the Founder, be "pure natives of Bengal" and "preference shall always be given to Hindus"

3. Application for the scholarships shall be submitted to the Registrar not later than the 1st of August every year. If an applicant has not already passed the Intermediate Examination in Science of this University, or the final examination of a recognized School of Arts or Technical of Agricultural College he must produce with his application proof that he has attained a knowledge of English and Mathematics up to the standard of the Matriculation Examination and the Physics and Chemistry up to the standard of the Intermediate Examination in Science.

Any person who intends to be a candidate for these scholarships may be examined upon payment of a fee of Rs 2 for each subject, in English and compulsory Mathematics in the papers set at the Matriculation Examination and in Physics and Chemistry in the papers set at the Intermediate Examination in Science, and if he attains the minimum standard laid down in the Regulations in all or any of the subjects in which he is examined, he shall be entitled to receive a certificate accordingly.

4. Candidates for the scholarships must have completed 18 years on the 1st March in the year in which they apply.

5. The application of every candidate must set forth precisely the institution in Europe, America or Japan in which, if elected to the scholarships, he intends to study, as also the particular branch of Agriculture or the Arts, Science and Industries of Europe, America or the East, in which he desires to specialize.

6. Candidates for the scholarships shall submit to the Registrar, along with their applications

(a) Certificates for their good conduct from persons of respectability and position with whom they may be acquainted

(b) Certificates of their Physical capacity to undergo the course of life and study which they will have to follow in the country to which they intend to proceed, signed or countersigned by a medical man holding a degree or diploma of a recognised British or India University or Licensing Body.

Candidates must also state whether they have the consent of their families to proceed to Europe, America or Japan

7. The application shall, in the first instance, be considered by a Committee of the Syndicate, consisting of the Vice-Chancellor and three other members, upon whose report the Syndicate shall, not later than the 1st September in any year, award the scholarship to that one among the candidate who is best qualified to promote the object of the Founder.

8. The Syndicate may contribute towards the expenses of the passage of the selected scholar such amount as the state of the funds may permit. The Syndicate may also, whenever practicable, contribute towards the return passage of any scholar who has specially distinguished himself in his studies.

9. Every scholar shall within four weeks of his arrival at the selected place of study, forward a report to the Registrar countersigned by the proper authorities, showing (a) the course of study he proposes to follow, (b) the

arrangement made for his residence, supervision and control. Any departure from the conditions to study and residence thus reported shall be duly intimated by the scholar for the approval of the Syndicate

10. Every scholar shall, at the end of each term at the Institution where he prosecutes his studies, forward to the Registrar a certificate from the proper authorities, showing that his residence, conduct and progress in study have been satisfactory during the term. The continuance of the scholarship shall depend upon the regular production of such certificate

11. Every scholar will be liable to forfeit his scholarship who not being disabled by illness or prevented by any other cause which the Syndicate may deem sufficient, fails to complete his studies for three years (in accordance with the terms and conditions set out in his application). If a scholarship be forfeited the scholar will be further liable to refund the amount, if any, contributed for his passage

12. Subject to due compliance with the above conditions, the allowances will be forwarded quarterly in advance, by the Registrar, free of all charges to the chief controlling authority of the Institution where the scholar prosecutes his studies, for payment to him

13. The Senate may, at any time, upon the recommendation of the Syndicate, alter these rules consistently with the terms of the Will of the Founder, but not so as to prejudice the holder of any scholarship already awarded

SCHOLARS.

- | | |
|-------|--|
| 1908 | { Ray, Sadhanchandra |
| | { Sen Rajendranath, M.A. |
| 1909 | { Datta, Probodhkumar |
| | { Das, Birajmohan, M.A. |
| 1910 | { Maitra, Surendranath, M.A. |
| | { Ray, Rameschandra |
| 1911 | { Raychaudhuri, Sukumar, B.Sc. |
| | { Maulik, Samarendra |
| 1912 | { Datta, Satatkumar, M.A. |
| 1913* | { Brahmachari, Indubhushan, M.A., B.L. |
| 1914* | { Ghosh, Purnachandra |
| 1915 | { Chakrabarti, Sukumar |
| 1916 | { Nag, Nripendrakanta, M.A. |
| 1917 | { Dhar, Surendranath, M.Sc. |
| 1918 | { Chaudhuri Rabindranath, M.Sc. |
| | { Saha, Dr. Meghnath, D.Sc. |
| 1919 | { Ghosh, Mohitkumar, M.A. |
| | { Bose, Saralkumar, B.Sc. |
| | { Ray, Karunaranjan, B.Sc. |
| 1920 | { Maitra, Sisirkumar, D.Sc. |

SIR TARAKNATH PALIT SCHOLARSHIP

Out of the trust estate of Sir Taraknath Palit, Kt., a sum of Rs. 1,00,000, has been set apart for the purpose of creating an endowment for establishing and maintaining, out of the interest thereof, scholarships for advanced students in Science to enable them to carry on research or investigation abroad, that is to say out of India. The number and value of such scholarship shall be determined by the Governing Body of the University College of Science. The scholarships will be awarded upon the following conditions:—

* The Syndicate (1st July, 1919) cancelled the award of the scholarships as the scholars did not avail themselves of them.

1. That the recipients of the said scholarships must be very distinguished graduates of the Calcutta University of either sex and must have taken the Degree of Master of Science or Doctor of Science or have been awarded Premchand Roychand Scholarship.
2. That such recipients must be unmarried and must continue so during the period they hold such scholarships, and if they contravene this condition they shall forfeit their scholarships as well as refund the whole of the amount of the pecuniary benefit they have received in respect of their scholarships, with interest at the rate of not more than 6 per cent. per annum.
3. Before proceeding abroad such recipients must insure their lives in favour of the Calcutta University for such amount and in such manner as the Governing Body of the University College of Science may determine and the premium in respect of such insurance shall be payable by the recipients out of the amount of scholarships so awarded to them.
4. The said recipients shall not during the period they may hold the said scholarships, enrol themselves as members of any of the Inns of Court or attempt to qualify themselves for any of the branches of the legal profession and if such recipients contravene this condition they shall forfeit their scholarships as well as refund the whole of the pecuniary benefit thereunder, as aforesaid, with interest at the rate of six per cent. per annum.
5. No one shall be eligible for the above scholarships, whose knowledge of the language of the country in which his or her researches or investigations have to be prosecuted, is not such as to enable him or her to intelligently prosecute such researches or investigations in that country.
6. The period during which such scholarships shall be tenable shall be determined by the said Governing Body of the University College of Science and it shall be competent to them to extend to such period if they deem such extension beneficial.
7. If the said governing Body of the University College of Science are satisfied that the recipients of any such scholarship is not diligently prosecuting his or her researches or investigations or is misbehaving himself or herself, it shall be competent to the said Body to stop payment of his or her scholarship either temporarily or permanently as they may think fit.
8. The right of nomination for any of the aforesaid scholarships shall be with the said Governing Body.
9. The University shall require each of the recipients of such scholarships before proceeding abroad, to enter into a Bond with them to refund such sum as may be spent for him or her in respect of his or her scholarship together with interest on the total amount spent at a rate not exceeding six per cent. per annum from the date or dates of expenditure within such time and on such conditions as the said University may think fit, provided always that the said University may, in any case, forbear enforcing such Bond as to any part or the whole of the money secured thereby as the said University may in their discretion think fit.
10. Should the said Governing Body at any time be unable, for want of suitable candidates or for any other reason to apply the monies allotted to such scholarships, the University shall accumulate the same and apply the same for the purposes of such scholarships thereafter and all monies recovered under the Bonds aforesaid shall be applicable to the provision of such scholarships as hereinbefore mentioned.

SCHOLARS.

- | | | |
|------|---|-----------------------------------|
| 1919 | { | Snehamay Datta, M.Sc. |
| | | Jnanendrachandra Ghosh, M.Sc. |
| | | Jnanendranath Mukhopadhyay, M.Sc. |
| 1920 | | Krishnadas Bagchi, M.Sc. |

XII

University Buildings.

The University had no local habitation of its own, since its foundation in 1857 till 1872. During this period the University had to transact its business in rented houses. In 1864 the site to the west of the College Street, facing the tank to the south of the Hindu School and the Sanskrit College, was selected for the University Buildings. The Public Works Department, Bengal, who was entrusted with the work of constructing the Building on the land, submitted in 1866 an estimate amounting to Rs. 2,52,221 and instruction were issued by the Government of India to take up the work in hand at once. The Buildings known as the "SENATE HOUSE" were completed by the end of the year 1872 at a cost of Rs. 4,34,697 and the University took possession of them early in 1873.

The Darbhanga Library Building has been built on the land to the west of the Senate House at a cost of over Rs. 8,00,000, of which two lakhs and a half have been contributed by the Hon'ble the Maharaja of Darbhanga and the remainder has been met out of Government grant of Rs. 200,000 and by a contribution of about double the amount from out of the Reserve Fund of the University. The Building accommodates the University Library; the University Law College, the University Classes in various subjects, the Registrar's Office and also provides Residential quarters for the Principal of the University Law College. The top floor which is utilised for holding the University Examinations accommodates about 700 candidates.

The building on the land, to the south of the Darbhanga Library Building measuring about a bigha, and a half, purchased at a cost of Rs. 1,50,000 by the University out of its Reserved Fund, has cost the University over Rs. 4,00,000 of which three lakhs have been met out of Government grant of three lakhs and the remainder out of the Reserve Fund of the University. The building has been constructed for the purpose of providing Hostel accommodation to the Hindu students of the University Law College who do not live with their parents or guardians. It has been named "University Law College Hardinge Hindu Hostel" after the name of the then Chancellor of the University, and it provides accommodation for over 150 students. The Hostel is under the direct supervision of the Principal of the University Law College, subject to the general control of Governing Body of the College, whose proceedings are laid before the Syndicate for confirmation.

The University Press is located in the shed to the immediate west of the Senate House, originally erected to accommodate the Law Classes of the University Law College temporarily, pending the completion of the Darbhanga Library Building to which the College has been permanently removed.

The fish market, known as Madhab Babu's Bazar and situated to the south of the Senate House, has been acquired out of the Government grant of Rs. 8,00,000. The land measures over 3 bighas. It is proposed to construct on the land a building which will provide Examination Halls and Lecture Rooms.

XIII

Maharaja Sir Rameshwer Singh of Darbhanga University Library.

Babū Joykissen Mookerjee, of Uttarpara, made a donation of Rs. 5,000 to the University on the 20th July, 1869, for the purpose of forming a Library. The amount was invested in 4 per cent securities till the completion of the University buildings.

In 1874 the sum of Rs. 3,500 was added to the Library Fund from the surplus income of the University of that year, and the Syndicate having thus at their disposal more than Rs. 9,000, appointed a Committee to report on the steps it was advisable to take to form a Library. The Committee reported (see Minutes, Vol. XVIII, page 22) that they thought "if desirable to begin with procuring such books as shall render the Calcutta University Library *Supplementary to the other Libraries now existing in Calcutta*." The general principles laid down by the Committee, and the mode of procedure they proposed for adoption, were approved by the Syndicate, and further transfers have, from year to year been made to the Library Fund from the surplus income of the University. Several instalments of books have been received, and the Library now contains besides English works of reference, and of the chief authorities on the Indian antiquities, fairly complete sets of the Sanskrit, Arabic, Latin, French and German classics.

In 1908 the Hon'ble Sir Rameshwar Singh, K. C. I. E., Maharaja Bahadur of Darbhanga, made over to the University a sum of rupees two lakhs and a half for the construction of a building in which the Library might be located. This munificent gift was accepted by the Senate with thanks, and it was decided to name the Library after the Maharaja, who was subsequently nominated an Honorary Fellow for life, as an eminent benefactor of the University.

The following Rules for the management of the University Library have been approved by the Syndicate :-

RULES FOR THE MANAGEMENT OF THE UNIVERSITY LIBRARY, UNDER

SECTION 5, CHAPTER XXVIII OF THE NEW REGULATIONS

1. The Library is for the use of Resident Fellows, University Professors, Assistant Professors, Assistants to Professors, Readers, Lecturers, Assistant Lecturers of the University, Resident Registered Graduates, students of University Post Graduate Classes and Research Students working under University Professors, and they alone have the privilege to use it, subject to the present rules and to such further rules and orders as may be ordered to by the General Committee under Section 5 (1) of the Regulations of the University.

2 (a) Persons who are neither Resident Fellows of the University nor University Professors, Assistant Professors, Assistants to Professors, Readers, Lecturers, Assistant Lecturers of the University, Resident Registered Graduates, students of University Post-Graduate Classes and Research Students working under University Professors may receive special permission from the Syndicate to

use the Library for the purpose of Literary or Scientific Research. Such permission will be granted on the recommendation of the Executive Committee.

(b) In recommending any person to the Syndicate under this rule, the Executive Committee shall specify in writing, for the information of the Syndicate, the grounds on which they base their recommendation.

3. Subject to the exceptions specified in Rule 5, Resident Fellows, University Professors, Assistant Professors, Assistants to Professors, Readers, Lecturers, Assistant Lecturers, Resident Registered Graduates and Research Students working under University Professors and such other persons as are allowed to make use of the Library under Rule 2 and who reside in Calcutta, may borrow and temporarily remove from the Library such books as they may require on the following conditions.

(a) In this rule the term 'volumes' shall include pamphlets and parts of works separately sewn.

(b) Resident Fellows will be entitled to take out up to ten volumes at a time.

(c) Under special circumstances Resident Fellows may, with the sanction of the Executive Committee, take out more than ten volumes.

(d) Resident Registered Graduates and Research Students working under University Professors will be entitled to take out not more than four volumes at a time and, in order to be allowed this privilege, will have to make a deposit of Rs. 25. The Registrar may, in the case of specially valuable books and with the sanction of the Executive Committee, ask for a special deposit.

(e) Persons who are allowed to make use of the Library under Rule 2 and who reside in Calcutta, may take out books on the same conditions as Resident Registered Graduates.

(f) University Professors, Assistant Professors, Readers, Lecturers, Assistant Lecturers, and Assistants to Professors, will, during the time they hold office be entitled to the same privileges as Resident Fellows.

(g) No book shall be issued and delivered except to the authorised borrower in person or to some one having written authority from him to receive it on behalf of the authorised borrower.

(h) Every volume borrowed shall be returned to the Library within two calendar months of the date on which it was removed from the Library. In case any borrower fails to return any book within this period, a notice shall be sent to him by the Librarian calling for the return of the book.

(i) If a book called for under the previous section be not returned within one week after the receipt of the Librarian's notice, the person who has borrowed the book from the Library shall be subject to a fine of one rupee for each volume so retained, and to a further fine of an equal amount for each additional week that he may retain it after the expiration of the second week.

(j) Subject to the provisions of rules 4, 5, 6 and 7, a book returned to the Library may be again borrowed by the same person, provided that no other Fellow or person entitled to use the Library has lodged with the Librarian an application for the same work. If such application has been made the book may not be taken out by the original borrower until returned by the second applicant.

4. The privilege of any Fellow or other person to use the Library shall be suspended so long as he retains any book which, under these rules, he is not entitled to retain, or so long as he leaves unpaid any fine which may have been imposed on him under rules, 3, 6 and 7.

5. (a) Books which are valuable on account of their rarity or which belong to a series and which, being out of print, it may be difficult or impossible to replace if lost, or books required for constant reference shall not be removed from the Library.

(b) A list of the works excluded from removal under this rule shall be drawn up by the Executive Committee, and will be subject to revision and extension from time to time.

6. (a) The Librarian shall report to the Executive Committee all cases to which books have been mutilated, disfigured by writing on the margin or otherwise injured while in the possession of readers

(b) Any person guilty of such an offence shall be required to replace the injured by an uninjured copy of the book; and shall be liable to the cost of its proper binding and other charges. Further, he shall be fined and suspended from the privileges of the Library at the discretion of the General Committee.

7. (a) A general inspection of the Library and of the record of books issued and returned, shall be made annually in the first week of May by the Executive Committee, or by one or more members of the Committee deputed by them for that purpose.

(b) During this period of inspection the Library shall be closed and all books whatever and by whomsoever borrowed shall be returned to the Library by the 31st March of each year.

(c) Any person who fails to return, in accordance with this rule, all books borrowed by him, shall be subject to a fine of not less than two rupees for each volume retained, and if such volume is not returned before the expiration of one week after the last day of inspection, a further fine of an equal amount shall be imposed for each volume, for each additional week until that volume is returned or until a copy of the same edition and of equal value is placed in the Library in its stead, and all expenses connected therewith paid by the borrower.

8 The Library shall be closed on Sundays and all public holidays and on all days for holding public examinations. Subject to the exception under Rule 7, it shall be opened on other days between the hours at 7 A.M. and 7 P.M.

XIV

University College of Science and Laboratories.

The following scheme for the management of the University College of Science was sanctioned by the Senate at their meeting held on the 15th February, 1919.

1. That the Senate shall annually appoint a Governing Body for the administration of the University College of Science.

2. That the Governing Body shall consist of—

(a) Members of the Governing Body of the Palit Trust.

(b) Members of the Board of Management of the Ghosh Fund.

(c) University Professors attached to each department of the College.

(d) Representatives of the University Lecturers attached to each department of the College

(e) Representatives of Investigators, if any, engaged in research in each department of the College.

The Senate shall, for this purpose, specify from time to time, the various departments of the College.

The number and mode of selection of representatives in the fourth and fifth categories mentioned above shall be determined by the Senate from time to time.

3. That the Vice-Chancellor shall be *ex-officio* President of the Governing Body. The Senate shall also appoint a Vice-President, a Secretary and fix the quorum for a meeting.

4. That the affairs of the College shall be administered by the Governing Body, subject to such rules as may be framed in that behalf by the Senate from time to time.

Provided that—

(1) All matters arising out of or in any way relating to the Sir Taraknath Palit Trusts shall, in the first instance, be considered and reported on by the Governing Body mentioned in the Trust Deed of the 15th June, 1912, before they are considered by the Syndicate or the Senate.

(2) All matters arising out of or in any way relating to the Sir Rashbehary Ghosh Endowment shall, in the first instance, be considered and reported on by the Board of Management mentioned in the letter of the Founder, dated the 8th August, 1913, before they are considered by the Syndicate or the Senate.

5. That Proceedings of the Governing Body shall be placed by the Syndicate before the Senate with such observations as the Syndicate may consider necessary and shall be subject to confirmation by the Senate.

6. That each department of the College shall, not less than six months before the commencement of the academic year, provisionally formulate its programme of work and shall, at the same time specify as accurately as practicable its requirements and the financial provision to be made therefor. The programme shall be drawn up and the requirements formulated conjointly by all the University Professors and the University Lecturers attached to the college in that department. Any professor or lecturer may, if he so desires, submit a separate memorandum either by way of dissent from the decision of the majority or for elucidation of special points.

The schemes so drawn up, together with the separate memoranda, if any, shall be placed before the Governing Body of the Palit Trust and the Board of Management of the Ghosh Fund for opinion. The papers shall then be placed before the Governing Body of the College which will make recommendations thereon for the consideration of the Syndicate. The Syndicate shall obtain a report from the Board of Accounts on the financial aspect of the proposals, and shall thereafter place the matter before the Senate with such recommendations as may be deemed desirable. The decision of the Senate shall be communicated, through the Governing Body of the College, to the Professors and Lecturers attached to each department. They shall thereupon draw up the final programme of work, modifying the provisional scheme, where necessary, in view of the decision of the Senate. The final scheme shall be transmitted to the Governing Body of the College after reference to the Governing Body of the Palit Trust and Board of Management of the Ghose Fund, and shall be subject to confirmation by the Governing Body of the College.

7. That the Governing Body of the College shall annually appoint a small standing committee in each department to supervise and regulate the actual expenditure of the sum allotted to that department by the Senate other than the sum provided for contingencies and like items the nature and amount whereof will be defined by rules.

Provided that—

When a special research grant is made by the Senate for a University Professor, the sum shall be at his disposal and the standing committee shall have no concern whatsoever with the question of its expenditure.

The standing committee for each department shall consist of—

- (1) The University Professors attached to that Department of the College.
- (2) Representatives of the University Lecturers attached to that department of the College.
- (3) One or more persons not included in either of the previous categories.

The number and mode of selection of the persons mentioned in the second and third categories shall be determined by the Senate from time to time.

Each standing Committee will have authority to sanction expenditure from the grants made by the Senate and will submit to the Governing Body of the College a monthly statement showing in detail the expenditure so sanctioned.

Each Standing Committee will elect its Chairman and also appoint one of its members to act as Secretary who will keep a record of the business transacted by the Committee.

8. That the Governing Body of the College shall annually appoint Standing Committee for the management of the workshop. The workshop Committee shall consist of at least one representative of each department. One of the members shall be appointed to act as Secretary and to exercise executive authority. No person shall hold the office of Secretary consecutively for more than two years.

The Standing Committee shall, subject to the sanction of the Governing Body of the College, draw up, from time to time, general rules for the management of the workshop, including rules for the distribution of work, the allocation of workmen to meet the requirements of the various departments or of individual Professors, Lecturers, or Investigators, and for like purposes.

9. That the Governing Body of the College shall annually appoint a Standing Committee for the management of the special Library attached to the College. The Committee shall consist of at least one representative of each department and will act in accordance with such rules as may be framed for the purpose by the Governing Body.

GOVERNING BODY OF THE UNIVERSITY COLLEGE OF SCIENCE.

In accordance with the Scheme for the management of the University College of Science adopted by the Senate, the undermentioned gentlemen have been appointed to the Governing Body of the College of Science for the year 1920-21.

The Hon'ble the Vice-Chancellor—*President*.

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I.—*Vice-President*.

Members of the Governing Body of the Palit Trusts.

The Hon'ble the Vice-Chancellor.

The Director of Public Instruction, Bengal.

The Dean of the Faculty of Science

The Dean of the Faculty of Engineering.

Dr. P. Brühl, D. Sc., F.C.S., F.G.S., I.S.O.

Prof. J. R. Banerjee, M.A., B.L.

Rev. Dr. J. Watt, M.A., D.D.

Mr. Janakinath Bhattacharyya, M.A. B.L.

The Right Hon'ble Lord S. P. Sinha of Raipur, P.C., K.C.

The Hon'ble Mr. Justice B. K. Mallick, I.C.S.

The Hon'ble Sir Nilratan Sircar, Kt., M.A., M.D.

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I.

Sir P. C. Roy, Kt, C.I.E.

Prof. C. V. Raman, M.A.

Members of the Board of Management of the Ghoses Endowments.

The Hon'ble the Vice-Chancellor.

The Director of Public Instruction, Bengal.

The Dean of the Faculty of Science

The Dean of the Faculty of Engineering.

Dr. Sudhansukumar Banerjee, D.Sc.

Prof. D. M. Bose, M.A., Ph. D.

Dr. P. C. Mitter, M.A., Ph.D.

Prof. S. P. Agharkar, M.A.

Principal Herambachandra Maitra, M.A.

Principal G. C. Bose, M.A.

Prof. S. C. Mahalanobis, B.Sc., F.R.S.E.

Mr. J. C. Ghosh, M.A.

The Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I.

Sir P. C. Roy, Kt., C.I.E.

The Hon'ble Mr. Mahendranath Ray, C.I.E., M.A., B.L.

University Professors.

Dr. P. Brühl, D.Sc., F.C.S., F.G.S., I.S.O.

Prof. S. Maulik, B.Sc.

Representatives of the University Lecturers—

Mr. Nalinimohan Bose, M.Sc.	...	} Applied Mathematics.
Mr. Nikhilranjan Sen, M.A.	...	
Mr. Susilkumar Acharyya, M.Sc.	...	} Physics.
„ Sisirkumar Mitra, M.Sc.	...	
Dr. Rasiklal Dutt, D.Sc.	...	} Chemistry
Mr. Priyadarajan Ray, M.Sc.	...	
Mr. S. N. Bal, M.Sc.	...	Botany.
Dr. Harihar Ganguli, M.D.	...	Zoology.
Mr. Manmathanath Banerjee,	...	} Experimental Psychology
Dr. Narendranath Sengupta, Ph.D.	...	

Representative of the Department of Bio-chemistry—

Dr. Rai Upendranath Brahmachari, Bahadur, M.A., M.D., Ph.D.

University Laboratories

The princely gift of the late Sir Taraknath Palit, Kt., D.L. and Sir Rashbehary Ghose, Kt., C.S.I., C.I.E., M.A., D.L., Ph D, have enabled the University to start the University College of Science, and the Laboratories of Physics, Chemistry, applied Mathematics and Experimental Psychology have been equipped in the Science College Buildings at 93 Upper Circular Road.

The Biological Laboratories have been equipped in the buildings and the surrounding grounds of No. 35 Ballygunj Circular Road which was the residence of the late Sir Taraknath Palit, and a University Professor of Botany and University Professor of Zoology have been appointed by the Senate.

XV

Foreign Universities and their Examinations

(1) UNIVERSITY OF OXFORD

In the Convocation of the Oxford University held on June 3rd, 1902, the following Revised Statute on Colonial and Indian Universities was approved :—

Whereas it is expedient, (1) to provide for the making of regulations for carrying into effect the provisions of the Statute on Colonial and Indian Universities; (2) to enable candidates from these Universities under certain conditions to offer themselves for examination in any Honour School of the Second Public Examination, and to supplicate for the Degree of Bachelor of Arts without having passed either Responsions or the First Public Examination; (3) to confine the requirement of a sufficient knowledge of the Greek language to candidates from Colonial Universities, and to determine the conditions under which candidates shall be permitted to satisfy the requirement by passing approved examinations of such Universities, the University enacts as follows :—

1. Any University situated in any part of the British Dominions other than the United Kingdom may apply to this University to be admitted to the privileges of this section of the Statutes.
Add., page 932, [1887]
2. The application shall be addressed to the Vice Chancellor, who shall report the same to the Hebdomadal Council.
3. The Hebdomadal Council, after considering such application and after making such enquiry as it shall deem necessary, shall if it think fit, propose to Convocation that the University so applying shall be admitted to the privileges of this section of the Statutes. A University admitted to the privileges, conferred by this section of the Statutes may at any time renounce such privileges and this University may at any time by a vote of Convocation withdraw the same from any University.
4. Any member of a University so admitted, who shall have pursued a course of study prescribed by it and extending over two years and who shall have passed all the examinations incident to the course, may be admitted to the status and privileges of a Junior Colonial or Indian Student.
5. Any member of a University so admitted, who shall have pursued a course of study prescribed by it and extending over three full years, and who shall have taken* Honours in the final examination incident to the course may be admitted to the status and privileges of a Senior, Colonial or Indian Student.
6. It shall be the duty of the Hebdomadal Council to draw up and submit to Convocation, a statement of the conditions under which member of a University so admitted shall be deemed to have taken Honours as aforesaid. Every such statement, if approved by Convocation, shall have the force of regulations made by Statute.

* The University of Calcutta.

7. The status and privileges of a Junior Student shall be as follows :—

(a) The term in which he is matriculated shall be reckoned, for the purpose of any provisions respecting the standing of members of the University as the fifth Term from the matriculation

(b) A Junior Student shall not be required to pass Responsions, or to pass in an Additional Subject at Responsions

(c) A Junior Student who has passed the Second Public Examination and has obtained Honours either in the First or in the Second Public Examination, shall be entitled to supplicate for the Degree of Bachelor of Arts so soon as he shall have kept statutable residence for eight Terms. Provided that, if he is a Colonial Student he has shown a sufficient knowledge of the Greek language

(d) A Junior Student who has passed the Second Public Examination but has not obtained Honours either in the First or in the Second Public Examination, shall be entitled to supplicate for the Degree of Bachelor of Arts so soon as he shall have kept statutable residence for twelve Terms. Provided that, if he is a Colonial Student, he has shown a sufficient knowledge of the Greek language.

8 The status and privileges of a Senior Student shall be as follows :—

(a) The term in which he is matriculated shall be reckoned for the purposes of any provisions respecting the standing of the University, as the fifth Term from his matriculation.

(b) A Senior Student shall not be required to pass any part of Responsions or of the First Public Examination or any Preliminary Examination of the Second Public Examination,

(c) A Senior Student who has obtained Honours in the Second Public Examination shall be entitled to supplicate for the Degree of Bachelor of Arts so soon as he shall have kept statutable residence for eight Terms. Provided that of he is a Colonial Student, he has shown a sufficient knowledge of the Greek language.

9. Every person who, having been matriculated, desires to claim the status of a Junior or Senior Student, shall make his application through an officer of a College or Hall or of the Non-Collegiate Body, to the Secretary to the Boards of Faculties, and shall at the same time pay to the University Chest, through the Secretary, the sum of one pound or of two pounds according as he is admitted as a Junior or a Senior Student. If he makes his application later than a week from matriculation, he shall pay an additional fee of one pound

10. Any person qualified to become a Junior Student on matriculation may be admitted to any part of Responsions, any part of the First Public Examination, and any Preliminary Examination in the Second Public Examination.

That any member of the University of Calcutta who shall have passed the Examination at the University for the Degree of Bachelor of Arts, and shall have been placed in the First Division in two or more subjects of that Examination, shall be deemed to have taken Honours as required by the provisions of *Statt. Tit. II Sect. VIII, cl. 5, October 22, 1903.*

The above decree will remain in force until December 31, 1915.

On January 1st, 1916, the following decree will come into force instead :—

"That any member of the University of Calcutta who shall have passed the Examination at the University for the degree of Master of Arts and shall have been placed in the First or Second Class in that Examination, shall be deemed to have taken Honours as required by the provisions of *Statt. Tit. II, Sect. VIII, cl. 5.*" (*Minutes, 1st August, 1914.*)

11. Every person who, being qualified to become a Junior or Senior Student on matriculation, desires to have his name entered for an examination

before he has been matriculated, shall make his application to the Secretary through an officer of a College or Hall or of the Non-Collegiate Body, who shall send the name to the Secretary seven clear days before the day fixed for entering names for the examination in questions, together with—

(a) The statutable fee, and in addition thereto the sum of one pound or of two pounds according as the candidate claims to be qualified to become a Junior or a Senior Student ;

• (b) a declaration that the candidate in his opinion *bonafide* desires admission to his College or Hall or as a Non-Collegiate Student as the case may be and

(c) evidence showing that the candidate is qualified as aforesaid.

• Any candidate whose name has been entered for an examination as aforesaid shall, as soon as he has been matriculated, become a Junior or a Senior Student as the case may be.

12. A Colonial Student shall be deemed to have shown a sufficient knowledge of the Greek language if he has passed —

either (a) one of the examinations enumerated below in the Schedule.

or (b) such examination or examinations of his University as shall satisfy the conditions laid down under the provision of the next following clause. Provided that evidence of his having satisfied these conditions shall have been produced to the Secretary within one week from his matriculation and that a registration fee of five shillings shall have been paid through the Secretary to the University Chest.

13. It shall be the duty of the Hebdomadal Council to draw up a statement of the conditions under which a Member of a University which has been admitted to the privileges of this Statute shall be deemed to have shown a sufficient knowledge of the Greek language in the examinations of his University. Every such statement shall be submitted to Convocation and, if approved, shall have the force of regulations made by Statute.

14. The Secretary shall have power to make and vary from time to time regulations for the admission of qualified persons to the status of junior or Senior Students, and for enabling Junior or Senior Students, or persons qualified to become Junior or Senior Students to offer themselves for Examination under the provisions of this section provided that all such regulations and any variation in them shall be submitted to the Vice-Chancellor and Proctors for approval.

15. It shall be the duty of the Secretary to keep a sufficient record of the members of the University who have the status and privileges of a Junior or Senior Student, respectively, and of the persons not yet matriculated whose names have been entered for an examination under the provision of this section and to see that no candidate is admitted to the examination or to any of the privileges of a Junior or Senior Student who has not satisfied the conditions of this section.

SCHEDULE.

1. The examination in Stated Subjects in Responsions or any examination which under Tit VI, Sect. 1., § 2, exempts a candidate from Responsion.
Add. p 1026 [1808]

2. The examination in additional subjects in Responsion, the subject offered being a Greek book, or any examination, including Greek, which is accepted by the University as equivalent to the examination.

3. The examination of candidates in the Greek language only at Responsions.

4. The examination of candidates not seeking Honours in the First Public Examination.

5. The examination of candidates for Honours in Greek and Latin Literature in the first Public Examination.

6. The Preliminary Examination in the Honour School of Jurisprudence provided that the candidate satisfies the Examiners in a Greek book in that Examination.

7. Groups A, I and D of the examination of candidates who do not seek Honours in the Second Public Examination.

8 and 9. The Honour Schools of Literæ Humaniores and of Theology in the same Examination.

(II) UNIVERSITY OF CAMBRIDGE.

On the 31st May, 1915, the following revised Regulations were adopted by the Senate of the University of Cambridge for the affiliation of the Calcutta University :—

1. That the University of Calcutta be adopted as an institution affiliated to the University of Cambridge.

Provided (1) that he has, in accordance with the Regulations of that University studied for not less than two years at one or more institutions for the education of the adult students affiliated up to the standard of graduation, and (2) that he has in the Matriculation Examination or in some higher examination of the University of Calcutta satisfied the examiners in Greek, Latin Sanskrit, Arabic, Persian or Pali, and (3) that he has passed in the first division in the Intermediate Examination in Arts or in Science or has passed in honours in the final examination for the degree of Bachelor of Arts or Bachelor of Science or has passed the examination for the degree of Master of Arts or Master of Science.

(III) UNIVERSITY OF DUBLIN.

ARTS STUDIES.

The University of Dublin is prepared to recognise the Arts Studies of the following Colonial and Indian Universities and such others as the Board and Council may, from time to time, direct to be added to the list :—The Universities of Adelaide, Allahabad, Bombay, Calcutta, Cape of Good Hope, Madras, Melbourne, McGill (Montreal), New Brunswick, New Zealand, Punjab, Sydney, Tasmania, Toronto

Any student producing the proper Certificates that he has passed two years in Arts studies at such Universities, or has passed the examinations belonging to that period, will be entitled to put his name on the College Books as a senior Freshman, a student with one years' credit, with this reservation, that if the Course of Arts which he has pursued does not include all the subjects of the Junior Freshman year, the Senior Lecturer may require him to qualify by examination in the omitted subject or subjects within one month after his name has been entered on the Books.

Furthermore, the Senior Lecturer is authorized by the Board, upon due inquiry, to admit students who have passed the Matriculation Examination of the University of Cape Colony, without further examination.

MEDICAL STUDIES.

The Board, on the recommendation of the Medical School Committee have adopted the following Resolution (January 13, 1900) :—

"That, in Medical Schools recognized by the University of Dublin, two consecutive *anni medici* taken at any period during the four years, of the medical

Curriculum, be recognised as qualifying for admission to the Examinations of the School of Physics."

"The Medical Schools which the Board and the School of Physics" are now prepared to recognize are—

In India—Madras, Bombay, Lahore, Calcutta.

In Australia—Melbourne, Sydney, Adelaide.

In Ceylon—Colombo.

In New Zealand—Otago.

In Canada—Montreal (McGill), Toronto.

In Tasmania—Hobart.

(IV) UNIVERSITY OF EDINBURGH.

MEDICAL PRELIMINARY EXAMINATION.

The attention of candidates who may intend to proceed to the Degrees of M.B. and Ch.B. of the University of Edinburgh, is specially directed to the following regulation regarding the Medical Preliminary Examination which it is necessary to pass before entering upon the Course of Study for the Degrees:—

"Before commencing medical studies each student must pass a Preliminary Examination in—

1. ENGLISH,
2. LATIN,
3. ELEMENTARY MATHEMATICS,
4. GREEK OR FRENCH OR GERMAN,

provided always that in the case of a candidate whose native language is not English, an examination in the native language of the candidate may be substituted for one in either French or German, and an examination in any other classical language for one in Latin or Greek."

The following examinations, in so far as they include the subjects above stated, are accepted as exempting from the Medical Preliminary Examination:—

University of Calcutta—First Examination in Arts.

Madras—First Examination in Arts.

Bombay—Matriculation Examination.

Allahabad—Intermediate Examination in Arts.

Punjab—Intermediate Examination in Arts.

(V) THE UNIVERSITY OF LIVERPOOL.

REGULATIONS FOR THE ADMISSION OF FOREIGN, INDIAN AND EGYPTIAN UNDER-GRADUATE STUDENTS.

1. Applications for registration from Foreign, Indian and Egyptian under-graduate students shall be received before June, 1, in each year, and shall be accompanied by reference.

2. In respect to Indian and Egyptian under-graduate students, the India Office and the Egyptian Educational Mission respectively shall certify as to the character, educational qualification and suitability of such students.

3. Applications for admission from such students shall be reported upon by the Applications Committee of Senate before the end of the session, after report from the Faculty concerned.

The above Regulations will come into operation during Session 1920-21 and do not apply this year.

Recognition of the Local Examinations of the Cambridge University by the Calcutta University.

On the recommendation of a Committee consisting of the Hon'ble Sir Nilratan Sarkar, Kt. M.A., M.D., Mr. B. Heaton, the Hon'ble Mr. W. C. wordsworth, M.A. and Mr. J. N. Das Gupta, B.A. (Oxon), the Syndicate at their meeting held on the 6th November, 1918 have adopted the following Resolutions :—

(a) That a student who has passed the Cambridge Senior Local Examination in English Composition and Literature, (Arithmetic, Geometry, Algebra) Mathematics, a classical language and any two of the following :—History, Geography, Trigonometry with Analytical Geometry or Calculus; Applied Mathematics, Chemistry, Physics, Experimental Science, Physical Geography, may for the purpose of admission to the examinations and courses of this University be regarded as having passed the Matriculation Examination : (provided the requirements of the existing Regulation about age are satisfied.)

(b) That in the case of women the classical language be interpreted as any language other than English or an Indian Vernacular and Mathematics be as Arithmetic together with Botany or Physical Geography.

(c) That any non European applying for exemption from the Matriculation Examination under the foregoing Regulation may at the discretion of the Syndicate be required to give evidence or proof of proficiency in his vernacular.

II. (a) That a student who, having passed the Matriculation Examination of this University of any examination that may be recognised as equivalent to the Matriculation Examination of the University, and who after a further course of study recognised as satisfactory by the University has passed the Cambridge Higher School Certificate Examination in Group II offering (1) Latin or French or German or an oriental classical language. (2) English including (a) Shakespeare (b) English Literature (c) Prescribed Books : in the English Essay, compulsory on all candidates and in two of the following subsidiary subjects (1) Logic (2) Mathematics (3 papers) (3) English History or English Colonial History and Modern European History or Greek History or Roman History (any two) (4) Physics or Chemistry or Botany or Physical Geography, shall for the purpose of Admission to the courses and examinations of this University be regarded as having passed the Intermediate Examination in Arts.

(b) That any non-European applying for exemption from the Intermediate Examination in Arts under the foregoing regulation may at the discretion of the Syndicate be required to give evidence of proof of proficiency in his vernacular.

III. (a) that a student who, having passed the Matriculation Examination of this University or any examination that may be recognised as equivalent to it, and who after a further course of study recognised as satisfactory by the University, has passed the Cambridge Higher School Certificate Examination in Group IV offering,

(a) either Physics and Chemistry or Experimental Science with Botany or elementary Biology or Physical Geography and Geology, (b) subsidiary subject—English Literature (with compulsory English Essay), (c) two of the following subsidiary subjects; Mathematics (3 papers), Botany, Physical Geography, may for the purpose of admission to the courses and examinations of this University be regarded as having passed the Intermediate Examination in Science (b) that any non-European applying for exemption from the Intermediate Examination in Science under the foregoing regulation may at the discretion of the Syndicate be required to give evidence or proof of proficiency in his vernacular.

IV. That while the present rule as to age for admission to the Matriculation Examination of this University remains in force exemption granted under these regulations shall not entitle any one to sit for the Intermediate Examination under the age of eighteen years, and the final under the age of twenty years, and that any modification of the present rule shall be followed by a suitable modification of this regulation.

V. That the existing regulations granting exemption under certain conditions from the Matriculation and Intermediate Examinations to students who have passed the Cambridge Senior Local Examination shall be applicable only to those who have passed this examination in or before 1918.

General Council of Medical Education & Registration of the United Kingdom.

The General Council of the Medical Education and Registration of the United Kingdom have accepted the following proposal made by the University of Calcutta :—

"That a candidate who has passed the Matriculation Examination of the Calcutta University in the first division (*i.e.* with an average of at least 50 per cent.) with the following subjects, *vis*—(1) English, (2) Mathematics (3) Classical Language, (4) Vernacular Language, (5) History and (6) Geography, or has passed the Intermediate or the Final Examination for the Bachelor's Degree in Arts or Science, be considered to have passed a Preliminary Examination in general knowledge such is demanded by the General Council of Medical Education and Registration of the United Kingdom from Students entering upon Medical Study.

FORM OF CERTIFICATE FOR THE USE OF THE INDIAN AND COLONIAL UNIVERSITIES AND COLLEGES

Name of Examining Body

This is to Certify that
 passed the Examination conducted.....
 by..... on the
 of..... 19..... : and that the Examination include
 the following subjects—

- (a) ENGLISH
- (b) LATIN.
- (c) MATHEMATICS.
- (d) *(Optional Subject, vis, GREEK or a MODERN LANGUAGE)*

It is further certified that this Examination satisfied the conditions laid down by the GENERAL MEDICAL COUNCIL for its recognition.

Date.....(Signed
 Officer (Dean, Registrar, etc.)

In the case of Natives of India or other Oriental countries, whose vernacular is other than English, an examination in a Classical Oriental Language (e.g., Sanskrit, Arabic, Chinese) may be accepted as equivalent to an examination in Latin.

XVI.

Nominations to the Public Services.

Extract from the Rules for the recruitment of the Executive Branch of the Provincial Civil Service.

Rule 12.—The Syndicate of the University will be invited annually to nominate from graduates of high character and of great academical distinction. The nominations will be made, subject to the restriction* laid down in condition V under paragraph 3 of the resolution of the Government of India, Nos. 1046—1058, dated the 19th August, 1910, in accordance with the conditions laid down in rules 8, 9 and 10. From amongst these or from amongst graduates previously nominated by the Syndicate and who have not passed the age of 25 years, the Governor in Council will, after enquiry, select two persons to be Probationary Deputy Magistrate."

* "v.—Admission to the Provincial Civil Service should usually be confined to persons who are natives of the province or have definitely settled in it; in the case of candidates who are not natives of the province recent residence of at least three years in the province should, as a general rule, be an essential condition of admission * *"

EXTRACT FROM THE REVISED RULES FOR THE RECRUITMENT OF THE
EXECUTIVE BRANCH OF THE PROVINCIAL CIVIL SERVICE.

• **Rule 12.**—The Syndicate of the University will be invited annually to nominate, by a date not later than the 1st October of each year, two graduates of high character and of great academical distinction for each of the appointments to be filled on their nominations as may be declared under rule 3. The nominations will be made in accordance with the conditions laid down in rules 8, 9 and 10. From amongst these or from amongst graduates previously nominated by the Syndicate and who have not passed the age of 25 years, the Governor in Council will, after enquiry, select as many persons as there are appointments to be made on the nomination of the Syndicate to be Probationary Deputy Collectors.

Rule 8 (a).—The indispensable qualifications for a candidate for appointment by recruitment are (1) that he is a natural-born subject of His Majesty or of a Native State; (2) that he is not under 20 or over 25 years of age on the 31st December of the year to which the nomination relates; (3) that he is of good character; (4) that he is a graduate; and (5) that he is of sound health, good physique and active habits and free from organic defect or bodily infirmity.

(b) In the case of candidates who are not natives of the Presidency, recent residence of at least three years in it should, as a general rule, be an essential condition of selection. No Barrister, Advocate or Pleader should be appointed as such unless he has been at least three years actually practising his profession in India and can speak the vernacular of the Presidency.

Rule 9.—Europeans who do not satisfy the definition of Native of India, contained in section 6, Statute 33, Victoria, Chapter 3, are not eligible for appointment to the Provincial Service without the previous sanction in each case of the Government of India. With such sanction they may be appointed, if they satisfy the conditions laid down in rule 8 (a) and (b).

Rule 10.—All candidates for appointment by recruitment must furnish satisfactory evidence that they possess a thorough knowledge of Bengali. Candidates who have not already passed some recognised examination in the subject will be required to pass a special examination before admission. The object of the examination will be to test the candidate's general knowledge of the language and his ability to write and read the written character with facility.

Rule 18.—No Member of the Provincial Service, once he has been confirmed, shall be entitled to resign his appointment without the previous sanction of Government.

List of persons who were nominated by the University for appointment by Government as Deputy Magistrates, since 1905—

1905.

- *Amalkrishna Mukerjee, M.A.
- *Jatindramohan Chatterjee, M.A.
- *Amarendranath Das, M.A.
- Panchanan Niyogi, M.A.
- Asutosh Chattopadhyay, M.A.
- Dhirendrakumar Mukhopadhyay, M.A.
- Purnachandra Bhattacharyya, M.A.
- *Sitalakanta Ganguli, M.A.
- *Surendranath Basu, M.A.
- *Praphullachandra Ghosh, M.A.
- Pulinbihari Das, M.A.
- *Aswinikumar Basu, M.A.

1906

- *Nabagauranga Basak, M.A.
- *Jogeschandra Chaudhuri, M.A.
- Nrityalal Mukhopadhyay, M.A.
- Susilchandra Chakrabarty, M.A.
- Tulsidas Kar, M.A.
- Subodhchandra Gangopadhyay, M.A.
- *Arunnath Chakrabarti, M.A.
- Upendranath Gupta, M.A.

1907.

- *Manoranjan Maitra, M.A.
- Nareschandra Ghosh, M.A.
- *Lala Asutosh, M.A.
- Upendranath Ghoshal, M.A.
- Nandalal Sinha, M.A.
- Akshaykumar Dattagupta, M.A.
- *Naziruddin Ahmad, M.A.
- *Satischandra Majumdar, B.Sc.

1908.

- Panchanan Ghosh, M.A.
- *Girischandra Sen, M.A.
- *Fakrul Hasan Kaderi, M.A.
- *Prithwinath Mukerjee, M.A.

Abinashchandra Basu, M.A.
 *Binodbihari Sarkar, M.A.
 *Sailendranath Bhattacharyya, M.A.
 Padminibhushan Rudra, M.A.

1909.

*Girijabhushan Ghoshal, M.A.
 *Ahmad, M.A.
 Abdul Hasan M Taib, M.A.
 Kaminikumar Bandyopadhyay, M.A.
 Nagendranath Mukhopadhyay, M.A.
 Asutosh Mitra, M.A.
 *Rebatiraman Dutta, M.A.

1910

*Kantichandra Mukerjee, M.A.
 Surendranath Sen, M.A.
 *Amarendranath Ray, M.A.
 A. G. Jacob, B.A.
 *Aminuzzaman Khan, B.Sc.
 *Nandakişor Sinha, B.A.
 Surendranath Dasgupta, M.A.
 Kshitichandra Niyogi, M.A.
 Sudhirschandra Ray, M.A.

1911.

Saratlal Biswas, M.Sc.
 *Jatindranath Chatterjee, M.A.
 Lakshminarayan Chatterjee, M.A.
 *Harendranath Dutta, M.A.
 Siteschandra Kar, M.Sc.
 *Nepalchandra Sen, M.A.
 Narendranath Banerjee, M.A., B.L.
 Jitendranath Datta, M.A., B.L.
 Jogendrakumar De, M.A., B.L.
 Prabodhchandra, Ghosh, M.A., B.L.
 Girindranarayan Mallik, M.A., B.L.
 Asutosh Mitra, M.A., B.L.
 Jatindranath Mitra, M.A., B.L.
 Mrigankabhushan Ray, M.A., B.L.
 Praphullachandra Dasgupta, M.Sc.

1912.

*Satyendranath Datta, M.A.
 Surendramohan Gangopadhyay, M.Sc.
 Rameschandra Majumdar, M.A.
 *Satiprasanna Sarkar, M.A.
 Abdul Hafiz, M.A.
 *Manmathanath Basu, M.A.

- Appointed by the Government as Deputy Magistrates.

NOMINATIONS TO THE PUBLIC SERVICES

1913.

Subodhchandra Mukhopadhyay, M.A.
 *Kalidas Bagchi, M.Sc.
 Panchanandas Mukhopadhyay, M.A.
 Susilkumar Maitra, M.A.
 Sunitikumar Chattopadhyay, M.A.
 *Abdus Sobhan Mahmood, M.Sc.
 *Kampta Prasad, M.Sc.
 *Nandalal Bhaquat, B.A.

1914.

*Gobindachandra Das, M.A.
 Jitendraprasad Niyogi, M.A.

1915.

Nalinimohan Basu, M.Sc.
 *Digindranath Saha, M.A.

1916

*Jaminiprasanna Ray, M.A.
 Sasindrachandra Kar, M.A.
 Pramathanath De, M.Sc.
 Raghunandan Panday, M.A.

1917.

Pramadaranjan Dasgupta, M.Sc.
 *Bankubihari Ghosh, M.A.
 *Durgacharan Das, M.A.
 Iswar Das, M.A.

1918.

*Sambhucharan Chattopadhyay, M.Sc.
 Mohitmohan Ghosh, M.Sc.
 Dhirendranath Mukhopadhyay, M.Sc.
 Prankumar Mukhopadhyay, M.Sc.
 Nripendranath Das, B.A.
 Rameschandra Mitra, B.A.

1919.

*Bishnupada Bhattacharyya, M.A.
 Probodhchandra, Chakrabarti, M.Sc.
 Amalapada Chattopadhyay, M.A.
 *Sudarsan Maitra, M.A.

1920.

Purnachandra Acharyya, B.Sc.
 Nilmony Acharyya, M.A.
 Rameschandra Ghosh, M.A.
 Hirendrachandra Sen, M.A.

* Appointed by the Government as Deputy Magistrates.

XVII

INSTITUTIONS

AFFILIATED to the UNIVERSITY.

(1) IN ARTS.

A. (Up to the M. A. Standard).

1. **Dacca College**, 1910, under Section 22 read with Sec. 21(3) of Act VIII of 1904 in English.

2. **Cotton College, Gauhati**, 1914, under Section 22 read with Sec. 21(3) of Act VIII of 1904, in English (Group A).

B. (Up to the B. A. Standard).

1. **Presidency College**, 1857 under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Pali (Pass and Honours), Arabic (Pass and Honours), Persian (Pass and Honours), Philosophy (Pass and Honours), Political Economy and Political Philosophy (Pass and Honours), Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours), Physiology (Pass and Honours), History (Pass and Honours), Botany (Pass and Honours), Geology (Pass and Honours).

2. **Hughli College**, 1857, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass), Vernacular Composition, History (Pass), Sanskrit (Pass and Honours), Persian (Pass), Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass), Philosophy (Pass), Political Economy and Political Philosophy (Pass).

3. **Dacca College**, 1857, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Persian and Arabic (Pass and Honours), Philosophy (Pass and Honours), History (Pass and Honours), Mathematics (Pass and Honours), Physics (Pass and honours), Chemistry (Pass and Honours), Political Economy and Political Philosophy (Pass and Honours).

4. Krishnagar College, 1857, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Parsian (Pass), Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass), History (Pass), Political Economy and Political Philosophy (Pass), Philosophy (Pass).

5. Krishnath College Berhampur, 1857, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, History (Pass and Honours), Political Economy and Political Philosophy (Pass), Sanskrit (Pass and Honours), Mathematics (Pass and Honours), Philosophy (Pass and Honours), Physics (Pass), Chemistry (Pass).

6. Scottish Churches College, Calcutta, 1857, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), History (Pass and Honours), Political Economy and Political Philosophy (Pass and Honours), Philosophy (Pass and Honours), Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours).

7. Sanskrit College, 1860, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass), Vernacular Composition, Philosophy (Pass), History (Pass) Sanskrit (Pass and Honours).

8. Rajshahi College, 1878, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Arabic and Persian (Pass), Mathematics (Pass and Honours), Philosophy (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours), History (Pass and Honours), Political Economy and Political Philosophy (Pass).

9. Vidyasagar College, Calcutta, 1879, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Pali (Pass), Philosophy (Pass), Political Economy and Political Philosophy (Pass), History (Pass), Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass).

10. City College, Calcutta, 1884, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Persian (Pass), History (Pass), Political Economy and Political Philosophy (Pass), Philosophy (Pass and Honours), Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass).

11. Rangoon College, 1884, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, Mathematics (Pass and Honours), Chemistry (Pass and Honours), Pali (Pass and Honours), Mental and Moral Philosophy (Pass), Physics (Pass), Persian (Pass).

12. Ripon College, 1885 under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Persian (Pass), Philosophy (Pass), History (Pass), Political Economy and Political Philosophy (Pass), Mathematics (Pass and Honours), Physical (Pass), Chemistry (Pass).

13. Bethune College, 1888, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass), Vernacular Composition, Sanskrit (Pass), Philosophy (Pass), History (Pass), Mathematics (Pass), Botany (Pass).

14. Victoria College, Cooch Behar, 1888, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, Philosophy (Pass and Honours), Sanskrit (Pass), Mathematics (Pass), History (Pass), Political Economy and Political Philosophy (Pass)

15. Bangabasi College, 1896, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), History (Pass), Mathematics (Pass and Honours), Botany (Pass), Physics (Pass), Chemistry (Pass), Political Economy and Political Philosophy (Pass).

16. Brojomohan College, Barisal, 1898, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following Subjects :—

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass), Persian (Pass), Philosophy (Pass and Honours), Mathematics (Pass), History (Pass).

17. Diocesan College, Calcutta, 1907, under Section 21 (3) of Act VIII of 1904 in subjects mentioned in Group A, Section 6, Chapter XXXII of the Regulations.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, History (Pass), Political Economy and Political Philosophy (Pass), Mathematics (Pass and Honours), Sanskrit (Pass), Botany (Pass).

18 Jagannath College, Dacca, 1909, under Section 22 read with Sec. 21 (3) of Act VIII of 1904 in English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Persian (Pass), Philosophy (Pass), Mathematics (Pass), History (Pass).

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following Subjects:—

English (Pass and Honours), Bengali and Urdu Composition, Sanskrit (Pass and Honours), Mathematics (Pass), Persian (Pass), Philosophy (Pass and Honours), History (Pass),

19. **Judson College, Rangoon**, 1909, under Section 22 read with Sec. 21 (3) of Act VIII of 1904 in English (Pass and Honours), Vernacular Composition in Burmese, History (Pass), Philosophy (Pass and Honours), Pali (Pass), Mathematics (Pass).

20. **Cotton College, Gauhati**, 1909, under Section 22 read with Sec. 21 (3) of Act VIII of 1904 in English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Persian (Pass), Arabic (Pass), Philosophy (Pass and Honours), Mathematics (Pass and Honours), History (Pass and Honours), Chemistry (Pass and Honours), Physics (Pass and Honours), Political Economy and Political Philosophy (Pass and Honours).

21 **Wesleyan College, Bankura**, 1910, under Section 22 read with Section 21 (3) of Act VIII of 1904 in English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Persian (Pass), Political Economy and Political Philosophy (Pass), Mathematics (Pass) Philosophy (Pass).

22 **Chittagong College**, 1910, under Section 22 read with Section 21 (3) of Act VIII of 1904 in English (Pass and Honours) Vernacular Composition, Sanskrit (Pass), Pali (Pass and Honours), Arabic and Persian (Pass and Honours), History (Pass), Mathematics (Pass and Honours), Chemistry (Pass) Physics (Pass) Political Economy and Political Philosophy (Pass)

23 **Serampur College**, June, 1913, under Section 22 read with Sec. 21 (3) of Act VIII of 1904 in English (Pass and Honours), Vernacular Composition in Bengali, Philosophy (Pass and Honours), Sanskrit (Pass and Honours), History (Pass), Political Economy and Political Philosophy (Pass) Hebrew (Pass), Syriac (Pass), Mathematics (Pass).

24 **St. Paul's Cathedral Mission College, Calcutta**, June, 1914, under Section 22 read with Section 21 (3) of Act VIII of 1904 in English (Pass and Honours), Bengali Composition, Sanskrit (Pass), History (Pass and Honours), Political Economy and Political Philosophy (Pass), Philosophy (Pass), Mathematics (Pass).

25 **Anandamohon College, Mymensingh**, 1914, under Section 22 read with Section 21 (3) of Act VIII of 1904, in English (Pass and Honours), Vernacular Composition, Sanskrit (Pass), Persian (Pass) History (Pass), Political Economy and Political Philosophy (Pass), Philosophy (Pass).

26 **Daulatpur Hindu Academy**, 1914, under Section 22 read with Sec 21 (3) of Act VIII of 1904, in English (Pass) Vernacular Composition in Bengali, Sanskrit (Pass), Philosophy (Pass), History (Pass), Mathematics (Pass).

27 **Murarichand College Sylhet**, 1916, under Section 22 read with Section 21 (3) of Act VIII of 1904 in English (Pass), Vernacular Composition in Bengali, Mathematics (Pass), History (Pass), Philosophy (Pass) Sanskrit (Pass and Honours), Persian (Pass), Arabic (Pass).

28 **Carmichael College. Rangpur**, 1917, under Section 21 (3) of Act VIII of 1904, in English (Pass and Honours), Vernacular Composition (Bengali and Urdu), Sanskrit (Pass and Honours), Persian (Pass), Arabic (Pass), Mathematics (Pass and Honours), History (Pass), Philosophy (Pass and Honours), Political Economy and Political Philosophy (Pass).

29. **South Suburban College, Bhowanipur, 1918**, under Section 22 of Act VIII of 1904 in English (Pass), Vernacular Composition, Sanskrit (Pass), History (Pass), Political Economy and Political Philosophy (Pass), Philosophy (Pass), Mathematics (Pass).

30. **Victoria College, Comilla, 1918**, under Section 22 of Act VIII of 1904 in English (Pass), Vernacular Composition, Sanskrit (Pass), Persian (Pass) History (Pass), Philosophy (Pass)

31. **St. Xavier's College, 1920**, under Section 22 of Act VIII of 1904, in English (Pass and Honours), Vernacular Composition, Philosophy (Pass), Sanskrit (Pass), Persian (Pass), Mathematics (Pass), History (Pass).

C. (Up to the Intermediate in Arts Standard).

1. **Presidency College, 1857**, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Pali, Arabic, Persian, Logic, History, Mathematics, Physics, Chemistry, Physiology, Botany.

2. **Hooghli College, 1857**, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Persian, History, Mathematics, Physics, Chemistry, Logic

3. **Dacca College, 1857**, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Arabic, Persian, History, Logic, Mathematics, Chemistry, Physics.

4. **Krishnagar College, 1857**, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Persian, History, Mathematics, Physics, Chemistry, Logic.

5. **Krishnath College, Berhampur, 1857**, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Arabic, Persian, Mathematics, Logic, History, Physics, Chemistry, Botany

6. **Scottish Churches College, Calcutta, 1857**, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, History, Logic, Mathematics, Physics, Chemistry.

7. **Sanskrit College, 1860** under Act II of 1857,

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, History, Logic

8. **St Xavier's College, 1862**, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Persian, Logic, History, Mathematics, Physics, Chemistry.

9. Rajshahi College, 1878, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Arabic, Persian, History, Logic, Mathematics, Physics, Chemistry.

10 Vidyasagar College, Calcutta, 1879, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Pali, Logic, History, Mathematics, Physics, Chemistry.

11. City College, Calcutta, 1884, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, French, Persian, History, Logic, Mathematics, Physics, Chemistry.

12 Rangoon College, 1884, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Pali, Latin, Persian, Mathematics, Logic, Physics, Chemistry

13 Ripon College, 1885, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Persian, Logic History, Mathematics, Physics, Chemistry.

14. Bethune College, 1888, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Bengali, Logic, History, Botany, Mathematics.

15. Victoria College, Cooch-Behar, 1888, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Logic, History, Mathematics, Physics, Chemistry.

16. Victoria College, Narail, 1890, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Mathematics, Logic, History.

17. Central College, Calcutta, 1896, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, History, Logic, Mathematics.

18. Bangabasi College, 1896, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Logic, History, Mathematics, Physics, Chemistry, Botany.

17. **Brojo Mohun College, Barisal**, 1893, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Persian, Arabic Logic, History, Mathematics, Chemistry.

20. **Wesleyan College, Bankura**, 1907, under Section 21(3) of Act VIII of 1904 in English, Sanskrit, History, Logic and Mathematics.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Persian, Mathematics, History, Logic, Chemistry, Physics.

21. **Diocesan College, Calcutta**, 1907, under Section 21(3) of Act VIII of 1904 in subjects mentioned in Group A, Section 7, Chapter XXXI of the Regulations as well as in Geography.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Bengali, History, Logic, Mathematics, Geography.

22. **Chittagong College**, 1869, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Arabic, Persian, Pali, History, Mathematics, Physics, Chemistry, Logic.

23. **Midnapur College**, 1873, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Persian, Mathematics, Logic History, Chemistry, Physics.

24. **Burdwan Raj College**, 1882 under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Persian, Mathematics, History, Logic.

25. **Jagannath College, Dacca**, 1884, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Persian, Logic, Mathematics, Physics, Chemistry, History.

26. **Uttarpara College**, 1887, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Logic, History, Mathematics, Physics, Chemistry.

27. **Murari Chand College, Sylhet**, 1891, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Persian, Arabic, Mathematics, Logic, Chemistry, History, Physics.

28. **Judson College, Rangoon, 1894**, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Pali, Logic, History, Mathematics, Chemistry.

29. **Krishna Chandra College, Hetampur, 1898**, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, History, Logic, Mathematics, Physics.

30. **Edward College, Pabna, 1898**, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Persian, Mathematics, Logic, History, Chemistry.

31. **Victoria College, Comilla, 1899**, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Persian, Mathematics, History, Logic, Arabic.

32. **St. Paul's Cathedral Mission College, Calcutta, 1900**, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, History, Logic, Mathematics, Sanskrit Chemistry.

33. **Cotton College, Gauhati, 1902**, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Arabic, Persian, Mathematics, History, Logic, Physics, Chemistry.

34. **Daulatpur Hindu Academy, 1907**, under Section 21(3) of Act VIII of 1904 in English, Sanskrit, Logic, History and Mathematics.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Sanskrit, Mathematics, History, Logic, Physics, Chemistry, Botany

35. **Ananda Mohan College, Mymensingh, 1909**, under Section 21(2) of Act VIII of 1904 in English, Bengali and Urdu Composition, Sanskrit, Persian, History, Logic, Mathematics, Chemistry.

36. **Serampur College, 1910**, under Section 21(3) of Act VIII of 1904, in English, Bengali Composition, Sanskrit, History, Logic, Mathematics, Chemistry, Hebrew, Syriac, Physics.

37. **Loreto House, Calcutta, June, 1913**, under Section 21(3) of Act, VIII of 1904, in English, Mathematics, History, Botany, French.

38. **South Suburban College, 1916**, under Section 21(3) of Act VIII of 1904, in English, Vernacular Composition, Sanskrit, Mathematics, History, Logic, Botany.

39 Carmichael College, Rungpur, 1917, under Section 21 (3) of Act VIII of 1904 in English, Vernacular Composition (Bengali and Urdu), Sanskrit, Arabic, Persian, Mathematics, History, Logic.

40. Rajendra College, Faridpur, 1918, under Section 21(3) of Act VIII of 1904 in English, Vernacular Composition, Sanskrit, History, Logic, Mathematics, Arabic and Persian

41 Bagerhat College, 1918, under Section 21(3) of Act VIII of 1904 in English, Vernacular Composition, Sanskrit, Persian, History, Logic, Mathematics.

(II) IN SCIENCE.

B (Up to the B.Sc. Standard).

1 Presidency College, 1901, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects:—

Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours), Physiology (Pass and Honours), Geology (Pass and Honours), Botany (Pass and Honours).

2 St Xavier's College, 1901, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects:—

Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass and Honours).

3 Scottish Churches College, 1907, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours).

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects:—

Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours),

4 Krishnagar College, 1908, under Section 22 read with Section 21 (3) of Act VIII of 1904 in Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass).

5 Dacca College, 1918, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours).

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects:—

Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry, (Pass and Honours)

6 Krishnath College, Berhampur, 1909, under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours).

7 Rajshahi College, 1909, under Section 22 read with Sec. 21(3) of Act VIII of 1904, in Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass).

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours).

8 **Bangabasi College**, 1909, under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in Mathematics (Pass), Botany (Pass), Chemistry (Pass) Physics (Pass).

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass), Botany (Pass).

9 **Vidyasagar College**, 1910, under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Chemistry (Pass), Physics (Pass).

10 **City College**, 1911, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Physics (Pass) Mathematics (Pass and Honours), Chemistry (Pass).

11 **Chittagong College**, 1912, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Chemistry (Pass), Physics (Pass).

12 **Indian Association for the Cultivation of Science**, 1912, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Botany (Pass).

13 **Hughli College**, 1913, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Physics (Pass) Chemistry (Pass).

14 **Rangoon College**, 1913, under Section 22 read with Section 21 (3) of Act VIII of 1904 in Mathematics (Pass and Honours), Chemistry (Pass and Honours), Physics (Pass).

15 **Cotton College, Gauhati**, 1913, under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Chemistry (Pass and Honours), Physics (Pass and Honours).

16 **Ripon College**, 1916 under Section 22 read with Section 21 (3) of Act VIII of 1904, in Physics (Pass), Chemistry (Pass), Mathematics (Pass and Honours).

C. (Up to the Intermediate in Science Standard).

1. **Indian Association for the Cultivation of Science**, 1900, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

Botany.

2 **Presidency College**, 1901, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Mathematics, Physics, Chemistry Physiology, Botany.

3 **St Xavier's College**, 1901, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Mathematics, Physics, Chemistry.

4. **Scottish Churches College, Calcutta**, 1907, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Mathematics, Physics and Chemistry.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Mathematics, Physics, Chemistry.

5. **Krishnagar College**, 1908, under Section 22 read with Section 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics and Chemistry.

6. **Ripon College**, 1907 under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in Physics and Chemistry.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Mathematics, Physics, Chemistry.

7. **Victoria College Cooch Behar**, 1907, under Section 22 read with Sec. 21 (3) of Act VIII of 1904 in English, Bengali, Physics, Chemistry and Mathematics.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Mathematics, Physics, Chemistry.

8. **City College, Calcutta**, 1907, under Section 22 read with Sec. 21 (3) of Act VIII of 1904 in Mathematics, Physics and Chemistry.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :

English, Vernacular Composition, Mathematics, Physics, Chemistry.

9. **Vidyasagar College** 1907, under Section 22 read with Sec. 21 (3) of Act VIII of 1904 in English, Vernacular Composition, Mathematics, Physics, Chemistry.

10. **Krishnath College, Berhampur**, 1907, under Section 22 read with Sec. 21 (3) of Act VIII of 1904 in English, Vernacular Composition, Mathematics, Physics, Chemistry and Botany.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Mathematics, Physics, Chemistry, Botany.

11. **Hughli College**, 1908 under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics and Chemistry.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Mathematics, Physics, Chemistry.

12. **Bangabasi College**, 1908, under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Physics, Chemistry and Botany.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Mathematics, Physics, Chemistry, Botany.

13. **Cotton College, Gauhati**, 1908 under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics and Chemistry.

14. Dacca College, 1908, under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics and Chemistry.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Mathematics, Physics, Chemistry.

15. Rajshai College, 1909, under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics and Chemistry.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Mathematics, Physics, Chemistry.

16. Jagannath College, Dacca, 1909, under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics and Chemistry.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Bengali and Urdu Compositions, Mathematics, Physics and Chemistry.

17. Chittagong College, 1909 under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics, Chemistry, Botany.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Mathematics, Physics, Chemistry.

18. Dulatpur Hindu Academy, 1909 under Sec. 22 read with Sec. 21 (3) of Act VIII of 1904 in English, Vernacular Composition, Mathematics, Physics, Chemistry, Botany.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English, Vernacular Composition, Mathematics, Physics, Chemistry, Botany.

19. Uttarpara College 1910, under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics and Chemistry.

20. Rangoon College, 1912, under Section 22 read with Section 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Chemistry and Physics.

21. Murarichand College, Sylhet, 1913, under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics, and Chemistry.

22. Wesleyan College, Bankura, 1913, under Section 22 read with Sec. 29 (3) of Act VIII of 1904, in English. Vernacular Composition, Mathematics, Chemistry and Physics.

23. Midnapur College, 1916, under Section 22 read with Section 21 (3) of Act VIII of 1904, in English, Vernacular Composition. (Bengali and Urdu), Mathematics, Physics, Chemistry.

24. South Suburban College, 1916 under Section 21 (3) of Act VIII of 1904 in English, Vernacular Composition Mathematics, Botany.

25. Serampore College, 1920, under Section 22 read with Section 21 (3) of Act VIII of 1904 in English, Vernacular Composition, Mathematics, Chemistry, Physics.

(III) TEACHING.

A (Up to the Bachelor of Teaching)

1. **David Hare Training College**, 1908, under Section 21 (3) of Act VIII of 1904
2. **Dacca Training College**, 1910, under Section 21 (3) of Act VIII of 1904
3. **Diocesan College for Girls, Ballygunj**, 1913, under Section 22 read with Section 21 (3) of Act VIII of 1904

B (Up to the Licentiate in Teaching)

1. **Dacca Training College**, 1910, under Section 21 (3) of Act VIII of 1904
2. **Loreto House, Calcutta**, 1913, under Section 21 (3) of Act VIII of 1904.
3. **Diocesan College for Girls, Ballygunj**, 1913, under Section 22 read with Section 21 (3) of Act VIII of 1904
4. **David Hare Training College**, 1918, under Section 22 read with Section 21 (3) of Act VIII of 1904

(IV) IN LAW.

1. **Calcutta University Law College**, 1909
2. **Dacca Law College**, 1910
3. **Earle Law College, Gauhati**, 1914
4. **Rangoon College**, 1909
5. **Ripon Law College**, 1885

(V) IN MEDICINE.

1. **Medical College, Calcutta**, 1857
2. **Carmichael Medical College, Belgachia**, 1916

(VI) IN ENGINEERING.

1. **Bengal Engineering College, Sibpur**, 1880

Descriptions of Affiliated Institutions.

I

Presidency College, Calcutta.

His Excellency the Right Hon'ble Lawrence John Lumley Dundas, Earl of Ronaldshay, G.C.I.E., Governor—Visitor.

AFFILIATED, 1857.

The Presidency College was established on the 15th June, 1855, under orders from the Honourable the Court of Directors of the East India Company. The circumstances of its establishment connect it closely with the Hindu College or Mahavidyalay, founded by a number of Hindu Gentlemen, aided by Sir Edward Hyde East, Chief Justice of the Supreme Court, and opened in January, the 20th, 1817. This origin connects the Presidency College with the Hindu and Hare Schools, and more specially with the former which continues the Junior Department of the Hindu College as Presidency College continues the Senior. The Graduate Scholarships attached to the Presidency College, of which particulars are given below, are a consequence of this connection, being derived from the Hindu College Fund.

Presidency College is thus in its beginnings carried back to the first efforts to promote liberal education in British India and is associated with David Hare and Raja Rammohan Ray who were the inspirers of the movement which led to the foundation of the Hindu College.

From 1855 to the present year the Presidency College has been administered by the Education Department under the Director of Public Instruction, Bengal. In 1909 a Governing Body was constituted in accordance with Chapter XIX of the University Regulations and met for the first time Tuesday, March 8th, 1910.

In December, 1914, His Excellency Lord Charnmichael, first Governor of Bengal, became the Official Visitor of the College, a title which H. E. Lord Ronaldshay has also consented to accept.

Courses of Study.—Post Graduate Teaching is now under the control of the University. The College is affiliated to the B.A. Honour stage in English, Philosophy, History, Political Economy and Political Philosophy, Sanskrit, Pali Persian and Arabic, and in Vernacular Composition; and to the B.Sc. Honour stage in Mathematics, Physics, Chemistry, Physiology, Geology and Botany.

Admission.—Presidency College since its foundation has been open to all classes of the community, the only condition of eligibility being compliance with the requirements of the University. Since 1907, owing to increase of numbers and in conformity with the letter and spirit of the new Regulations introduced in 1906, admissions have been strictly limited by consideration of space and efficiency of teaching.

The limit fixed for the under-graduate classes is a total of 650, distributed as under:—

			Arts		Science.
1st-year	...	...	65	...	65
2nd "	...	...	80	...	85
3rd "	...	...	75	...	80
4th "	...	...	100	...	100

More particular information as to conditions of admission and choice of subjects is obtainable on application to 'The Steward, Presidency College.'

Admission is in all cases understood as implying an undertaking to submit willingly to the rules and discipline of the College.

Fees—The fees to be paid by ordinary students are an admission fee of Rs. 10; a monthly tuition fee of Rs. 12; and an annual athletic, Magazine and college union subscription of Rs. 3-4s.

Tuition fees are payable monthly in advance and are due for 12 months reckoning from June to May. Two months' fees are consequently due at the beginning of the session (July) and are payable before admission.

MUHAMMADAN STUDENTS.

A definite proportion of seats is reserved for Muhammadan candidates desirous of admission to Presidency College and the minimum standard has been fixed at 25 $\frac{2}{5}$ % for the present, provided, the candidates conform to the standard of educational fitness prescribed for the purpose.

Further privileges in the shape of reduced fees and Mohsin stipends, to the extent of 100 and 60 respectively, are enjoyed by Muhammadan students. They are granted to those eligible and are distributed in the manner indicated below—

Class.	Reduced fees	Mohsin Stipends
1st Year	30	18
2nd Year	30	18
3rd Year	20	12
4th Year	20	12

The tuition fee paid by those who enjoy the privilege of reduced fee is Rs. 5 per month, while those who are awarded Mohsin stipends, pay at the rate of Rs. 7 a month.

Mahomedan students pay the same athletic and Magazine subscriptions as other students.

Hostel—The Eden Hindu Hostel for the residence of Hindu students of the College accommodates 260 boarders. Information as to conditions of admission and terms of residence is obtainable on application to "The Superintendent, Eden Hindu Hostel."

This Hostel was originally founded by public subscriptions, the Raja of Mahishadal being the principal contributor. At first other students than Presidency College students were admissible, though students of that College always formed the great majority of the boarders. Since 1905, it has been an attached hostel of the Presidency College in conformity with Chapter XXIV of the Regulations. The new wing was added at Government expense in 1895, and Government has always borne the cost of maintenance.

Tutorial Work—There is individual tutorial work in English (generally essay-writing) in all classes and as far as practicable in other subjects.

College Examinations—A college examination of the First and Third-year students is held each year at the end of March to determine fitness for promotion to the Second and Fourth year classes.

Class exercises are set from time to time in all subjects in the under-graduate classes to give practice in written work and as a test of progress.

Progress during the second year of the Intermediate, B.A. and B.Sc. courses will be judged entirely from tutorial work, practical work and class exercises; and students will only be sent up for the University examinations if their progress is satisfactory.

Vacations.—The recognized vacations are: The long vacation, approximately 11 weeks between the middle of April and the beginning of July. The Durga Puja vacation, approximately 4 weeks between the Rains and the Cold weather.

Scholarships and prizes.—A number of scholarships, furnished out of the income of the Presidency College Graduate Scholarship Funds, are attached to the College. The fund originated with the subscriptions contributed in 1816 for the Hindu College. In 1863 it was amalgamated with three hitherto separate funds, which commemorated men eminent for their services to the cause of education. The scholarships are tenable by graduates of the Presidency College in Arts or Science for two years after taking the B.A. or B.Sc. Degree, and have since 1909 been divided into two groups of five and six scholarships, respectively, awarded in alternate years.

FIRST GROUP.				Rs. per month.
1.	Burdwan Scholarship of	..	...	50
2.	Bird Scholarship of	..	...	40
3.	Gopinohan Tagore Scholarship of	..	...	3
4.	Hindu College Foundation Scholarship of	..	...	40
5.	Do	Do	Do	25
6.	Do	Do	Do	25

SECOND GROUP.				
1.	Dwarkanath Tagore Scholarship of	..	...	50
2.	Ryan Scholarship of	..	...	40
3.	Hindu College Foundation Scholarship of	..	...	40
4.	Do	Do	Do	30
5.	Do	Do	Do	25

The Burdwan and Gopinohan Tagore Scholarships commemorate two of the original subscribers to the Hindu College Fund. The Bird, Ryan and Dwarkanath Tagore scholarships were founded later as testimonials in honour of Mr. W. Bird and Dr. Ryan (1845-46) and Babu Dwarkanath Tagore (1849).

Three free studentships are provided out of the endowment of the late Maharaja Durgacharan Law, C.I.E. These are at the disposal of the founder's heirs subject to the conditions recognized as qualifying for admission to the College.

Two gold medals called the Scindhia Medals and a Prize called the Gwalior Prize are awarded annually on the results of the Intermediate Examinations in Arts and Science. They were the gift of H. H. the Maharaja Scindhia in 1870.

A prize for Sanskrit called the Harischandra Kaviratna Prize is also awarded on the results of the Intermediate Examination in Arts. It was founded in 1908 by subscriptions from pupils in memory of Babu Harischandra Kaviratna, for many years Professor of Sanskrit at the Presidency College.

Two scholarships of the value of Rs. 12 a month each, tenable for two years, are awarded annually to Hindu candidates on the results of the Intermediate Examination in Science and the Bachelor of Science Examination. A prize of the approximate value of Rs. 54 is also awarded annually to the Hindu student of the Second-year Intermediate Science class who shall produce the best laboratory notes on experimental work in Physics. They were founded in 1912 by the

executors to the estate of Srimati Nistarini Dasi, deceased, widow of late Bolyechand Dutt of Calcutta.

A gold medal called the Chandranarain Gold Medal founded in the year 1915 by Srimati Ramkumari Debi in memory of her husband the late Ray Chandra Narain Sinha, M.A., is annually awarded to the student of the college who stands first among the Presidency College candidates in History at the M.A. Examination.

Governing Body for 1920-21

The Director of Public Instruction, Bengal, *President (Ex-officio)*.

The Hon'ble Sir Asutosh Mookerjee Kt., C.S.I. *Vice-President*.

Mr. C. W. Rhodes

Hon'ble Nawab Sir Saiyed Shams-ul Huda, K.C.I.E.

The Principal, *Secretary (Ex-officio)*.

Mr. J. C. Coyajee, Professor.

The Bursar of the College.

Dr. D. N. Mallik, Professor.

Emeritus Professor

Sir J. C. Bose, Kt., C.S.I., C.I.E.

INSTRUCTIONAL STAFF.

Principal	...	...	Mr W. C. Wordsworth, M.A.
Professor J. W. Holme, (Bursar)			{ J. R. Barrow, M.A. T. S. Sterling, M.A. J. W. Holme, M.A. M. Ghose, B.A.
Professors of English Literature	...		{ Praphullachandra Ghosh, M.A. Narendra Nath Chakravarty, M.A. (<i>Offg.</i>) Srikumar Banerjee, M.A. Bhupendrachandra Basu, M.A. Satischandra De, M.A., B.L.
Professors of Mental and Moral Philosophy and Logic	...		{ P. D. Sastri, M.A., B.Sc., Ph.D. Adityanath Mukherjee, M.A. Ph.D. Khagendranath Mitra, M.A. R. K. Datta, M.A.
Professors of History	...		{ E. F. Oaten, M.A., LL.B. (<i>on deputation</i>) K. Zachariah, B.A. J. N. Das Gupta, B.A., (Oxon.) Binaykumar Sen, M.A. Upendra Nath Ghoshal, M.A.
Professors of Political Economy and Political Philosophy	...		{ J. C. Coyajee, B.A., LL.B. A. C. Sengupta, M.A., (Edin.) Panchanandas Mukherjee, M.A.
Professors of Sanskrit, Pali and Bengali	...		{ Asutosh Sastri, M.A. Nilmani Chakrabarti, M.A. Harihar Banerjee, M.A.
Professors of Arabic and Persian	...		{ Shams-ul-Ulama Hedayat Hossain. Maulavi Muhammad Hossain

Professors of Mathematics & Astronomy	{	C. E. Cullis, M.A., Ph.D. (<i>on deputation</i>)
		D. N. Mallik, B.A., Sc.D., F.R.S.E.
		Saradaprasanna Das, M.A.
		J. M. Bose, M.A., B.Sc. (Édin.)
		Karunamay Khastgir, M.Sc.
Professors of Physics	{	Hemchandra Sengupta, M.A.
		E. P. Harrison, M.A., Ph.D. (<i>on leave</i>)
		Vacant.
Professors of Chemistry	{	P. C. Mahalanabis, B.A., B.Sc. (<i>Offg.</i>)
		Hridayachandra Banerjee, M.A., (<i>Offg.</i>)
		Jyotibhushan Bhaduri, M.A., F.C.S.
Professors of Physiology	{	B. B. Dey, M.A., D.Sc., (<i>Offg.</i>)
		S. C. Mahalanobis, B.Sc., F.R.S.E.
		Nibaranachandra Bhattacharyya, M.A., B.Sc.
Professors of Botany	{	J. C. Nag, B.Sc.
		S. C. Banerjee, M.A.
		Srischandra Sinha, M.A.
Lecturer on Geology	{	H. P. de Cottey
Demonstrators in Chemistry	{	Bidhubhushan Datta, M.A.
		Asutosh Maitra, M.A.
		Hemchandra Datta Gupta, M.A.
		Satishchandra Mukherjee, M.A.
Demonstrators in Physics	{	Hridayachandra Banerjee, M.A.
		Surendranath Maitra, M.A. (<i>on deputation</i>)
		Dwijendrakumar Majumdar, M.A. (<i>Offg.</i>)
		Charuchandra Bhattacharyya, M.A. (<i>Offg.</i>)
Demonstrators in Astronomy	{	Khagendranath Chakrabarty, M.Sc.
Demonstrator in Geology	...	Hemchandra Dasgupta, M.A.
Demonstrator in Physiology	...	Narendranath Basu, M.Sc.
Demonstrator in Botany	...	Girija Prasanna Majumdar, M.Sc.

Assistants to Professors.

Physics	{	Dwijendrakumar Majumdar, M.A. (<i>on deputation</i>)
		Charuchandra Bhattacharyya, M.A. (<i>on deputation</i>)
		Manindranath Mitra, M.A.
		Kailaschandra Chakrabarti, M.Sc.
		Kalidas Bhattacharyya, B.Sc. (<i>Offg.</i>)
Chemistry	{	Vacant.
		Sailendralal Mitra, M.A.
		Gangagobinda Basak, M.A.
Physiology	{	Subimalchandra Ghosal, B.Sc.
		Bijalibihari Sarkar, B.Sc. (<i>on leave</i>)
		Debendra Nath Giri, B.Sc. (<i>Offg.</i>)
Botany	...	Upendra Nath Bhaduri, B.Sc.
Geology	...	Bhupendranath Maitra, M.Sc.

List of Principals.

1855	J. Sutcliffe, M.A.	1892	W. Griffiths, M.A.
1856	L. Clint (<i>Offg.</i>)	1896	Alex. Pedler, F.R.S.
1857	E. Lodge (<i>Offg.</i>)	1897	{ J. H. Gilliland, M.A. (<i>Offg.</i>)
1858	J. Sutcliffe, M.A.		{ F. J. Rowe, M.A. (<i>Offg.</i>)
1863	W. Grapel (<i>Offg.</i>)		{ J. H. Gilliland, M.A. (<i>Offg.</i>)
1864	J. Sutcliffe, M.A.	1898	{ F. J. Rowe, M.A. (<i>Offg.</i>)
	{ H. Woodrow, M.A. (<i>Offg.</i>)		{ W. Booth, M.A. (<i>Offg.</i>)
1875	{ Charles H. Tawney, M.A. (<i>Offg.</i>)	1899	A. C. Edwards, M.A. (<i>Offg.</i>)
	{ J. Sutcliffe, M.A.	1900	A. C. Edwards, M.A.
1876	{ A. Crott, M.A. (<i>Offg.</i>)	1902	{ P. K. Ray, D.Sc. (<i>Offg.</i>)
	{ Charles H. Tawney, M.A.		{ A. C. Edwards, M.A.
1881	G. Bellet, M.A. (<i>Offg.</i>)		{ P. K. Ray, D.Sc. (<i>Offg.</i>)
1882	John Elliot, M.A. (<i>Offg.</i>)	1903	{ A. C. Edwards, M.A.
	{ Alex. Pedler, F.C.S. (<i>Offg.</i>)	1904	M. E. Du S. Prothero, M.A.
1883	{ John Elliot, M.A. (<i>Offg.</i>)		{ (<i>Offg.</i>)
	{ G. Bellet, M.A. (<i>Offg.</i>)		{ P. K. Ray, D.Sc. (<i>Offg.</i>)
1884	{ John Elliot, M.A. (<i>Offg.</i>)	1905	{ P. K. Ray, D.Sc.
	{ Charles H. Tawney, M.A.		{ A. Macdonell, M.A.
1885	W. Griffiths, M.A. (<i>Offg.</i>)	1906	C. Little, M.A. (<i>Offg.</i>)
1886	Charles H. Tawney, M.A.		{ C. Little, M.A. (<i>Offg.</i>)
	{ Alex. Pedler, F.C.S. (<i>Offg.</i>)	1907	{ H. R. James, M.A.
1887	{ Charles H. Tawney, M.A.		{ H. M. Percival, M.A. (<i>Offg.</i>)
	{ Alex. Pedler, F.C.S. (<i>Offg.</i>)	1909	{ H. R. James, M.A.
	{ Charles H. Tawney, M.A., C.I.E.	1911	C. W. Peake, M.A. (<i>Offg.</i>)
1889	{ Alex. Pedler, F.R.S. (<i>Offg.</i>)	1912	H. R. James, M.A.
	{ F. J. Rowe, M.A. (<i>Offg.</i>)	1916	W. C. Wordsworth, M.A.
1889	Charles H. Tawney, M.A., C.I.E.	1917	J. R. Barrow, B.A. (<i>Offg.</i>)

2

Hughli College.

AFFILIATED, 1857

The Institution was founded in 1830, and was originally supported from funds bequeathed by Muhammad Mohsin, a wealthy Mahomedan gentleman, who dying without heirs in the year 1806, left his large property, yielding an annual income of Rs. 45,000 to Mahomedan Trustees "for the service of God." Owing to the misappropriation of the funds, Government assumed the office of Trustees. The right of assumption was opposed by the original Trustees but upheld both by the Courts in India and by the Privy Council in England. The period of litigation extended over many years, during which the annual income accumulated, forming a surplus of Rs. 8,61,100. The surplus was devoted to the foundation and endowment of the Hughli College and was further increased by a portion of the original zemindaree that became available on the death of one of the Mootawallees of the Hughli Imambarah, an Institution which also derives its support from Muhammad Mohsin's legacy. The College endowments were further increased by the accumulation of unexpended revenue until the income amounted to Rs. 51,000 per annum. In 1873 the Government of India resolved to transfer the whole of the Mohsin endowment to the purpose of Mahomedan education throughout Bengal, and accordingly increased the provincial assignment of education in Bengal by Rs. 50,000 a year in order to meet the expenses of the Hughli College which has now become an Institution maintained by Government.

The College consists of two Departments, an English and an Arabic—and is under the control of the Director of Public Instruction Bengal. The English Department is open to all students who have passed the University Matriculation Examination, the fees being Rs. 6 for all.

There is a Governing body for the College of which the Commissioner of the Burdwan Division is *ex-officio* President, and the Principal, *ex-officio* Vice-President and Secretary.

The College has, for the present, arranged to teach English, Physics Chemistry, Mathematics and Vernacular Composition for the Intermediate in Science, and for the Intermediate in Arts, English, History, Sanskrit Persian Logic, Mathematics, Physics, Chemistry and Vernacular Composition

For the B. A. provision has been made for teaching English, Sanskrit (Pass and Honours), Persian, History, Mathematics (Pass and Honours), Physics, Chemistry Vernacular Composition, Philosophy and Economics.

For the H.Sc. provision has been made for teaching Mathematics (Pass and Honours), Physics (Pass) and Chemistry (Pass)

There are two Hostels attached to the College, one of the Hindu students and the other for the Mahomedan students. There is another Mahomedan Hostel attached to the Madrasa, in which the boarding fee is Rs. 3-8 subject to enhancement, according to enhanced rates of food articles.

SCHOLARSHIPS, STUDENTSHIPS, ETC

1. One Laha Scholarship of Rs. 25 per mensem attached to this College tenable for two years either at the Presidency or the Sanskrit College or in connection with a University Course of lectures, is awarded each alternate year to a graduate of this College, who is preparing within five years of his passing the Matriculation Examination, to take the M.A. Degree.

2. One Rani Katyani Scholarship of Rs. 13* per mensem tenable for two years in the Hughli College, is awarded annually to the most deserving student who has passed the I.A. or I. Sc. Examination from the College, and who has not gained a Government Scholarship, but the Principal, who is the administrator of this scholarship fund, is authorised to divide the scholarship into two of equal value whenever such a course may be advisable.

3. One Zemindaree Scholarship of Rs. 7 per mensem, tenable for two years is awarded annually to the most deserving student who has passed the Matriculation Examination from the Collegiate or Branch School, and who has not gained a Government Scholarship, preference being given to a student of the latter school.

4. Raja Krishnadas Laha awards five studentships, each of Rs. 5 per mensem, to students reading in the English Department of the College.

5. Free studentships are granted by Government to really deserving students of this College.

6. Three College stipends of Rs. 5 each per mensem tenable for two years are awarded annually to the most deserving Mahomedan students of the First year Class (I.A. or I Sc.) of this College.

The value of the Scholarship was reduced to Rs. 14 (*vide* letter from the Principal, Hughli College, No. 585, dated 25th June 1914.)

The Government of Bengal in their letter No. 4746, dated the 9th December 1914 to the Director of Public Instruction, Bengal, sanctioned the reduction of the value of the Scholarship from Rs. 16 to Rs. 14 during 1914-1915 and to Rs. 13 permanently from June, 1915

Two College stipends of Rs. 5 each per mensem tenable for two years are awarded annually to the most deserving Mahomedan students of the Third-year Class (B.A. or B.Sc.) of this College

No one who holds any Government or other scholarship or stipend is eligible for these stipends.

These 5 College stipends were created during the year 1917-1918 out of the Mohsin Grant for short-fee payments to Mahomedan students.

7. Twenty three Free Boarderships are attached to the Mahomedan Hostels, 6 of which are open to all Mahomedan students of the College who have not gained any Government or Mohsin Scholarships, and 17 students of the Arabic Department.

8. Six Mohsin Scholarships, tenable for one year attached to the Arabic Department, are awarded annually, two of Rs. 8, two of Rs. 6 and two of Rs. 4 per mensem.

9. A Thwaytes Gold Medal of the value of about Rs. 40 is awarded annually to the graduate from this College who gains the highest number of marks in Mathematics at the B.A. Examination of each year.

10. A Scholarship of Rs. 5 per mensem, tenable for two years in the Hughli College, is awarded annually to the student of the Hughli Collegiate School who obtains the greatest number of marks in Mathematics in passing the Matriculation Examination of the Calcutta University. A Scholarship of Rs. 5 per mensem, tenable for two years in the Hughli College, is awarded annually to the student of the Hughli College, who obtains the greatest number of marks in Mathematics in passing the I.A. or I.Sc. Examination of the Calcutta University. These Scholarships were founded by the late Babu Suryyamohan Banerjee of Telinipara.

INSTRUCTIVE STAFF.

Principal and Professor of Mathematics	J. M. Bottomley, B.A. (Oxon).
Professors of History	<div> <div> Bipinbihari Sen, M.A., B.L., <i>Services lent to the University.</i> </div> Nripendrakumar Datta, M.A. </div>
Professors of English	<div> Abinashchandra Basu, M.A., B.L. </div> <div> Girindaranath Chatterjee, M.A., B.T. </div>
Lecturers in English Literature	Sasimohan Chakravarti, M.A.
Professor of Mathematics	Harilal Chaudhuri, M.A.
Professor of Physics	Urnachandra Bhattacharyya, M.A.
Professor of Chemistry	Gopibhushan Sen, B.A.
Professor of Arabic and Persian	Fida Ali Khan, M.A.
Professor of Sanskrit	Bhagabatkumar Goswami, Sastri, M.A.
Professor of Economics	Durgagati Chatteraj, M.A.
Professor of Philosophy	Hemchandra De, M.A.
Lecturer in Philosophy and Logic	Sisirkumar Bardhan, M.A., B.L.
Lecturer in Sanskrit	Hemchandra Banerjee, M.A.
Lecturer in Mathematics	Taraknath Bhattacharyya, M.Sc.
Demonstrator in Chemistry	Satyaranjan Dasgupta, M.Sc.
Demonstrator in Physics	Snsilchandra Chakravarti, M.A.
Assistant, Chemical Laboratory	Tinkari Sur, B.Sc.
" Physical	<div> Kalidas Bhattacharyya, B.Sc., <i>on deputation</i> </div> <div> Syamapada Bhattacharyya, B.Sc. (Offg.) </div>

List of Principals

1836	Thomas Alexander Wise, M.A.	1895	{ R. W. F. Shaw, M.A. (<i>Offg.</i>) William Booth, M.A.
1839	{ James Sutherland, M.A. James Esdaile, M.D. (<i>Offg.</i>)	1897	{ P. Mookerji, B.Sc. (<i>Offg.</i>) W. Billing, M.A. (<i>Offg.</i>)
1842	James Sutherland, M.A.		{ Ksirodchandra Raichaudhuri, M.A. (<i>Offg.</i>)
1844	L. Clint, B.A.	1898	{ W. Billing, M.A. (<i>Offg.</i>) R. W. F. Shaw, M.A. (<i>Offg.</i>)
1846	Captain D.L. Richardson	1901	{ W. Billing, M.A. (<i>Offg.</i>) W. Billing, M.A.
1849	James Kerr, M.A.	1902	W. Billing, M.A.
1856	Robert Thwaytes, M.A.	1903	R. W. F. Shaw, M.A.
	{ James Graves, M.A. (<i>Offg.</i>) E. Lodge, B.A. (<i>Offg.</i>)	1906	{ Edmund Chandler, M.A. (<i>Offg.</i>) H. N. De. M.A. (<i>Offg.</i>)
1859	{ Robert Thwaytes, M.A. S. Lobb, M.A. (<i>Offg.</i>)		{ J. N. Das Gupta, B.A. (<i>Oxon</i>) Bar-at-Law (<i>Offg.</i>)
1867	Robert Thwaytes, M.A.	1909	Bipinbihari Gupta, M.A.
1868	William Griffiths, M.A. (<i>Offg.</i>)	1911	Saradaprasanna Das, M.A. (<i>Offg.</i>)
1876	William Griffiths, M.A. (<i>Offg.</i>)	1915	J. M. Bottomley, B.A. (<i>Oxon</i>)
1880	William Griffiths, M.A.	1918	Purnachandra Bhattacharyya, M.A. (<i>Offg.</i>)
1883	{ William Booth, B.A. (<i>Offg.</i>) William Griffiths, M.A.	1919	J. M. Bottomley, B.A. (<i>Oxon</i>)
1885	M. Mouat, M.A. (<i>Offg.</i>)		
1888	William Griffiths, M.A.		
1892	{ William Booth, M.A. (<i>Offg.</i>) William Booth, M.A.		

3

Dacca College

AFFILIATED, 1857.

The College is supported by Government and is under the control of the Director of Public Instruction, Bengal.

It was originally opened as a school by the General Committee of the Public Instruction in the year 1835. In 1841 it was converted into a College, when a Principal was appointed, and an increase made to the staff of teachers. The old College building was erected partly by public subscription in 1841. The present beautiful building was erected entirely at Government cost and the College moved over to its present site in June, 1903.

The College is affiliated to the University for the *Intermediate Examination in Arts* in—

English, Vernacular, Logic, Chemistry, Mathematics, Physics Sanskrit History, Persian and Arabic.

For the *Intermediate Examination in Science*.

Mathematics, Physics and Chemistry.

B.A.

English (Pass and Honours), Vernacular Composition, Physics (Pass and Honours), Chemistry (Pass and Honours), History (Pass and Honours), Sanskrit (Pass and Honours), Mathematics (Pass and Honours), Philosophy (Pass and Honours), Persian (Pass and Honours), Arabic (Pass and Honours), Political Economy and Political Philosophy (Pass and Honours).

The following combinations of subjects (with the compulsory subjects for the B.A. Examination) are permitted at Dacca College. —

1. History and Classical Language.
2. History and Political Economy and Political Philosophy.
3. Philosophy and Classical Language
4. Mathematics and Philosophy.
5. Mathematics and Chemistry.

B.Sc.

Mathematics (Pass and Honours), Physics (Pass and Honours) and Chemistry (Pass and Honours).

M.A.

English—Affiliated in both Groups A and B.

M.A. in History, Philosophy, Economics, Chemistry and Physics is taught by the Professors of this College who have been appointed University Lectures.

Students in the General Department pay a monthly fee of Rs. 6

A silver medal called the Donnelly Medal, the value of the interest on Rs. 500 subscribed by the Indian assistants of the late Abkari Commissioner's Office in memory of the late A. F. Donnelly, Esq. and a Prize, called the Lewis Prize the value of the interest, on Rs. 500 subscribed by the students of the College, in memory of G. Lewis, Esq. one of the former Principals of the College are awarded annually—the former for proficiency in History in the B.A. and the latter for proficiency in English (Essay-writing)

A gold and a silver medal called the Pope Medals, the value of the interest on Rs. 1,500, subscribed by the Indian friends of Mr. John Van Someren Pope M.A. one of the former Principals of the College, are awarded annually—the former to the candidate who stands first from the Dacca College in English Honours at the B.A. Examination, and the latter to the candidate who stands first in English at the Matriculation Examination from the Dacca Collegiate School

A prize, called the Srinath Prize, the value of the interest on Rs. 200, is awarded annually to that student, who stands first in Sanskrit at the Matriculation Examination from the Dacca Collegiate School.

Five prizes called the Ramlochan Ghosh Prizes, of the total value of Rs. 35, the interest on Rs. 1,000 presented by Babu Ramlochan Ghosh to the Dacca College, are annually awarded in the following manner on the results of the Matriculation Examination of the Dacca Collegiate School:—

- | | | |
|---|----------------|---|
| 1 | Prize of Rs. 7 | to the best student in English |
| 1 | " " 7 | " " Mathematics. |
| 1 | " " 7 | " " Second Language. |
| 1 | " " 7 | " " History and Geography. |
| 1 | " " 7 | to the student who obtains the highest total marks. |

The prizes are awarded on the results of the Matriculation Examination, and are limited to those students who do not obtain any scholarship, provided they read for the Intermediate Examination in the Dacca College. A student may gain more than one prize if entitled to them by his marks.

A prize, called the Brennand Prize, consisting of books of the value of the interest on Rs. 1,000 awarded annually to that student who at the B.A. Examination stands first from the Dacca College in Mathematics to enable him to read for the M.A. degree in that subject.

Four scholarships of Rs. 6 each were given by Sir Ashanullah, K.C.I.E. and continued by his grandson, Nawab Hibibulla Bahadur, C.S.I. to Mahomedan

students from the **Dacca Moslem High School**, tenable in the 1st, 2nd, 3rd, and 4th-year Classes respectively.

A scholarship of Rs. 17-8 a month, the interest on Rs. 6,000, given by the late **Raja Rajendranarayan Ray, Bahadur of Bhawal**, in memory of his father **Raja Kalinarayan Raychaudhuri**, is awarded annually to the best graduate of the **Dacca College** to enable him to read for the **M.A. degree** in that College.

A scholarship, called the **Iswarchandra Vidyassgar Scholarship** of Rs. 10 a month was given by **Raja Rajendranarayan Ray, Bahadur of Bhawal**, and continued by his widow in memory of the late **Pandit Iswarchandra Vidyasagar**. The Scholarship is awarded to the student who passes the **Matriculation Examination** from the **Dacca Collegiate School** and stands highest in **Sanskrit** to enable him to read up to the **M.A. standard** at the **Dacca College**.

Attached to the College and under the control of the Principal, is a **Hostel** providing accommodation for 194 students. Students are accommodated rent free but have to pay a monthly charge of As. 4 per mensem for the use of furniture. The messing arrangements are in the hands of the students themselves.

Two temporary hostels have been opened in the **Old Secretariat building**—one for **Hindus** and the other for **Mahomedans**. The former providing accommodation for 127 boarders and the latter for 130 boarders. All messes attached to the College have been dissolved and boarders from them have been transferred to these two hostels.

INSTRUCTIVE STAFF.

Principal	... F. C. Turner, M.A. (Oxon.)
	{ Egerton Smith, M.A. (Leeds)
	{ Rakhaladas Ghosh, M.A.
Professors of English Literature	... Styendranath Bhadra M.A.
	{ Padminibhushan Rudra, M.A.
	{ B. M. Sen, M.Sc. (Cal), B.A. (Cantab.),
Professors of Mathematics	... Smith's prizeman, 1914.
	{ Nareschandra Ghosh, M.A.
	{ Bankimdas Banerjee M.A.
	{ Richard B. Ramsbotham B.A. (Oxon.)
Professors of History	... Aswinikumar Mukhopadhyay, M.A.
	{ Pareschandra Mukerjee, M.A.
Professors of Political Economy and	... S. C. Basu, B.A. (Cal), A.M. (Nebraska).
Political Philosophy.	... Debendra Nath Banerjee, M.A.
Professor of Sanskrit	... Srischandra Chakrabarti,
	{ B. N. Das, M.A. (Cal), B.Sc. (Lond.)
	{ Haridas Saha, M.A.
Professors of Chemistry	... Dr. Anukulchandra Sarker, M.A. (Cal)
	{ Ph.D., F.C.S. (Lond.)
	{ W. A. Jenkins, M.A.
	{ Surendranath Ghosh, M.A.
Professors of Physics	... Mr. Adinath Sen, M.A. (Cal). B.Sc.
	{ (Glasgow.)
	{ G. H. Langley, M.A. (London).
Professors of Philosophy	... Manmathanath Mukherjee, M.A.
	{ Moulvi Najmal Hussain Chaudhuri
Professors of Arabic and Persian	... (Offg.)
	{ Maulavi Mahammad Irfan, M.A.
Lecturer in Sanskrit and Bengali	... Akshaykumar Dattagupta, M.A.
Lecturer in Sanskrit	... Debendrakumar Banerjee, M.A.

Lecturers in Philosophy	...	{ Maulvi Kazimuddin Ahmad, M.A. (Cal.)
Lecturer in Arabic and Persian	...	{ Umeschandra Bhattacharyya,
Lecturers in English	...	{ A. Md. Asad,
	...	{ Bamacharan Banerjee, M.A.
	...	{ P. K. Ghosh,
	...	{ Kumudnath Chaudhuri, M.A.
Demonstrators	...	{ Satischandra Ganguli, M.A.
	...	{ Rajnarayan Das
	...	{ Upendranath Bhattacharyya, M.A.
Laboratory Assistants	...	{ Manmohan Chatterjee, M.Sc.
Resident Assistant Surgeon	...	{ Surendrakumar Basak, B.A.
	...	{ Aswinikumar Das, L.M.S.

List of Principals.

1841 J. Ireland, M.A.	1887 A.C. Edwards, M.A.
1844 T. Wise, M.D.	1890 E. F. Mondy A.R.S.M., F.C.S.
1846 G. Lewis.	(Offg.)
1856 { W. Brennand (Offg.)	1891 A. C. Edwards, M.A.
{ L. Clint, B.A.	1896 E. F. Mondy, A.R.S.M., F.C.S.
{ W. Brennand (Offg.)	(Offg.)
1857 { W. Brennand.	1897 S. Robson, M.A.
1873 A. W. Croft M.A.	1898 E. F. Mondy, A.R.S.M., F.C.S.
1874 A. W. Garrett, B.A. (Offg.)	(Offg.)
{ A. W. Garrett, B.A.	1903 { C. Russell, M.A. (Offg.)
1875 { A. Ewbank, M.A.	{ Dr. P. K. Ray, D.Sc.
1878 J. V. S. Pope, M.A. (Offg.)	1905 C. H. Browning, M.A.
1881 J. V. S. Pope, M.A.	1908 F. C. Turner, M.A. (Offg.)
1883 A. W. Garrett, B.A. (Offg.)	1909 W. A. J. Archbold, M.A., LL.B.
1884 { R. Parry (Offg.)	1918 F. C. Turner, M.A.
{ W. Booth, B.A.	

Dacca Law College

This was established in 1910. Lectures and other instructions are provided for students reading for the B.L. and pleadership Examinations. It is accommodated in a portion of the Old Secretariat building and has a separate Library of its own.

Law College Staff.

Principal	...	F. C. Turner, M.A.
Vice-Principal	...	Dr. Nareschandra Sengupta, M.A., D.L.
Law Lecturers	...	{ Saratchandra Ghosh, B.L.
	...	{ R. K. Doss, Bar-at Law.

Krishnagar College.

AFFILIATED, 1857.

This College was founded by Government in 1845, and is under the control of the Director of Public Instruction, Bengal. There is a Governing Body of which the District Judge of Nadia is the *ex-officio* President, the Principal of the College is the *ex-officio* Vice-President and Secretary, and one of the staff a member. Government has added a fourth (non-official) member in 1915.

Any person who has passed the University Matriculation Examination may be admitted. Students pay an admission fee of Rs. 6, a monthly tuition-fee of Rs. 6, game and Common Room fees of Rs. 2 and magazine fee of Re. 1, annually.

The College stands upon an enclosed compound of upwards 100 bighas. It occupies three buildings, one big and two small. The big one which is the Main College Building is a handsome structure standing upon three bighas of land. It was erected in 1836, at a cost of Rs. 66,876, Rs. 17,000 of which was collected by private subscriptions.

In one of the smaller buildings the Chemical Laboratory is located. Part of the ground occupied was purchased by Government; for the remainder the College is indebted to the munificence of the Maharaja of Nadia and the Maharani Swarnamayi, C.I.E. of Cassimbazar.

In 1871 the B.A. Classes were abolished by Sir George Campbell, the then Lieutenant-Governor of Bengal, and for some years the College only afforded instruction up to the First Examination in Arts. In 1875, however, Sir Richard Temple on the petition of the chief inhabitants of the district, consented to restore the College to its former status provided that a considerable share of the increased cost was subscribed by the community. A sum amounting to more than Rs. 40,000 was subscribed during the year and with this endowment B.A. classes in the B. Course were opened. Classes for the A Course for the B.A. were opened in June 1888.

The College is now affiliated in I.A. standard in English, Bengali Composition, Sanskrit, Persian, History, Logic, Mathematics, Physics, and Chemistry and in I.Sc. standard in English, Bengali Composition, Mathematics, Physics and Chemistry.

The College is further affiliated to the B.A. standard in English, (Pass and Honours), Bengali Composition, Sanskrit (Pass and Honours), History, Mathematics (Pass and Honours), Persian, Political Economy and Political Philosophy, Philosophy, Physics and Chemistry, and to the B.Sc. standard in Mathematics, (Pass and Honours), Physics and Chemistry.

A prize of Rs. 80 founded by Babu Mohinimohan Ray, in 1883 and called the Mohinimohan Ray Prize, is awarded annually to the student who most successfully passes the B.A. Examination with Honours, or to a graduate of the College who passes the M.A. Examination in any subject.

Another prize of Rs. 8 founded by Babu Symacharan Maitra and called "The Smith and Macdonell Prize" is annually awarded to the student who most successfully passes the I.A. or I.Sc. Examination and prosecutes his studies for the B.A. or B.Sc. Examination in the Krishnagar College.

Another Prize of Rs. 8 called the Livingstone Memorial Prize is awarded in commemoration of the late Principal W.B. Livingstone, to the student who passes in all the subjects and secures the highest marks in the annual Examination of the 3rd-year Class.

The College Endowment Funds now amount to Rs. 75,100.

There is a Hindu Hostel attached to the College, which is under the direct control of the Principal and is managed by a Superintendent who is a member of the teaching staff and an Assistant Superintendent.

Twenty free-studentships are attached to the College, of which four are Government and three are created by Babu D. N. Singha Ray, Zamindar of Nakashipara, (Nadia) and thirteen foundation free studentships.

The Krishnagar College has been created a centre for Bachelor Degree (Theoretical) Examinations since 1912.

INSTRUCTIVE STAFF.

General Department.

Principal	...	R. N. Gilchrist, Esq., F.R.E.S., M.A. (on leave.)
Professor of Mathematics, offg. Principal		Rakhalraj Biswas, M.A.
" of Physics	...	Ramendranath Ghosh, M.A.
" of Chemistry		Kiranchandra Mitra, M.A.
Professors of English		{ Rampada Majumdar, M.A. Narendranath Chatterjee, M.A. Basantakumar Ray, M.A.
Professors of History	...	Debendranath Sen, M.A.
" of Economics	...	Mr. Prosadchandra Banerjee, B.Sc. (London)
" of Philosophy	..	Nalinikanta Brahma, M.A.
" of Sanskrit	...	Bhabeschandra Banerjee, M.A.
Lecturer on Sanskrit	..	Harilal Chatterjee M.A.
Lecturer on Philosophy and Logic	...	Bidhubhushan Sengupta, M.A.
Lecturer-Demonstrator on Physics	...	Radhikamohan Chaudhuri, M.A.
Lecturer-Demonstrator on Chemistry	..	Hemchandra Dattagupta, M.A., B.L. F.C.S.
Lecturer on Mathematics		Omdatul Islam, M.Sc.
Lecturer on English	..	Satyasaran Kahali, M.A.
Lecturer on Persian	..	Maharuddin Ahamid, M.A.
Laboratory Assistants	...	{ Janakikumar Banerjee. Bibhutibhushan Bhattacharyya, (Offg.)

Law Department.

Law Lecturer	..	Rai Indubhushan Bhaduri, Bahadur, B.L.
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Succession List of Principals

1845	Capt. D. L. Richardson.		{ W. Billing, M.A.
1846	M. G. Rochfort	1895	{ Nilkantha Majumdar, M.A. (Offg.)
1855	E. Lodge, B.A.		{ W. Billing, M.A.
1857	{ J. Graves, M.A. (Offg.)	1897	W. B. Livingstone, (Offg.)
	{ L. Clint, B.A.	1898	Brajaballabh Datta, M.A. B.L., (Offg.)
1858	A. Smith, M.A.	1899	J. Bhaduri, M.A., F.C.S. (Offg.)
1870	S. Lobb, M.A.	1902	J. Bhaduri, M.A., F.C.S. (Offg.)
1874	E. Lethbridge, M.A.	1907	Sasibhushan Dutt, M.A. (temporary).
1877	F. J. Rowe, M.A. (Offg.)	1908	Debendranath Basu, M.A. (temporary).
1879	W. H. Paulson, B.A. (Offg.)	1909	Satishchandra De, M.A., B.L., (Offg.)
1881	{ George Watt (Offg.)	1910	M. E. Du. S. Prothero, M.A.
	{ G. A. Stack, (Offg.)	1911	Satishchandra De, M.A., B.L. (Offg.)
1882	J. A. Martin, B.A. (Offg.)	1916	R. N. Gilchrist, F.R.E.S., M.A.
1883	J. Mann, M.A.	1919	Rakhalraj Biswas, M.A., (Offg.)
1887	S. C. Hill, B.A., B. Sc. (Offg.)		
1888	S. C. Hill, B.A., B.Sc.		
1890	W. Billing, M.A. (Offg.)		

Krishnath College, Berhampur (Late Berhampur College).

AFFILIATED, 1857.

The Older Gazetteers are unanimous in recording that a "British" College was opened in Berhampur in 1826, but the College, as we know it, was opened in 1853. The foundation stone of the building, one moiety of the cost of which was paid by the community was laid in 1863, and the building came into use in 1869, when the Institution became a first grade College in Arts. A Law Department had been added in 1864. The status was, however, reduced in 1872 to that of a second grade College and the Law Department was abolished in 1875. The Institution again became a first grade College with a Law Department attached in 1888. It is open to all classes of the community.

In pursuance of the policy recommended by the Education Commission and adopted by the Government of India, the Bengal Government decided in 1886 to transfer the Berhampur College to private management. The magnificent offer of the late Maharani Swarnamayi, C.I.E. of Cossimbazar, to maintain the College for five years was accepted. Accordingly by a Bengal Government Resolution, dated the 14th May, 1887, the control of the College, administrative and financial, was vested in a Board of Trustees. Since the Maharani's death in 1898, the College has been financed by her nephew and successor, the Hon'ble Maharaja Sir Manindrachandra Nandy K.C.I.E., of Cossimbazar. In 1905, the College was handed over by a deed of transfer to the Hon'ble Maharaja Sir Manindrachandra Nandy, K.C.I.E., of Cossimbazar, with a Board of Management, consisting of the Maharaja as President; the District Judge, the District Magistrate and the Inspector of Schools, Presidency Division, as *Ex-officio* Members; and Rai Baikunthanath Sen Bahadur.

For the internal management of the College there is a Committee of Management consisting of all the members of the Board, the Principal and two members of the professorial staff.

Scholarships—(1) Scholarships numbering two and three is alternate years called the Berhampur College Scholarships, of the monthly value of Rs. 8 each tenable for two years in the B.A. classes of the Institution, are awarded on the results of the Intermediate Examination, to students taking up an Honour Course for the B. A. Examination. (2) The Kennedy Scholarship of Rs. 4 a month founded by public subscription in honour of J. Kennedy, Esq. formerly a Collector of this District, is awarded to the successful Intermediate candidate from this College who stands next to those obtaining Berhampur College or Government Scholarships. It is tenable for two years in the B.A. classes of the Institution. (3) Five Rajib Scholarships of Rs. 4 a month each, founded in commemoration of the donor the late Rai Rajiblochan Ray, Bahadur, the benevolent Dewan of the late Maharani Swarnamayi, are awarded to the first five successful Matriculation candidates from the Berhampur centre. They are tenable for two years of the Intermediate classes of the Institutions. (4) The "Girish Narain Roy Scholarships" of Rs. 8 a month, founded in 1907, by Babu Girishnarain Roy of Lalgola, is awarded to the best Matriculation candidate from the Berhampur centre. (5) The "Kadambini Scholarships" of Rs. 3 a month, tenable for two years in the B. A. classes was established by Srimati Kshirodkumari Dasi of Berhampur, in honour of her late mother, Kadambini Dasi. (6) The "Harasankar Studentship" of Rs. 4 a month is awarded for one year only to a student securing highest marks in Sanskrit at the I. A. Examination from the College, and taking Sanskrit in the B.A. It was established in the year 1908 by Babu Nilmani Bhattacharyya of Berhampur, in deference to the last wishes of his father, the late Babu

Harasankar Bhattacharyya. (7) Four Scholarships named "Kani Dintarini-Scholarships" founded by Raja Jogendranarain Roy of Lalgola in memory of his late wife, Ranee Dintarini, were established in the year 1908. Out of the four Scholarships, two of the value of Rs. 6 per mensem are to be enjoyed by two First-year students who pass the Matriculation Examination from the Berhampur Krishnath Collegiate School, and secure the highest number of marks without obtaining a Government Scholarship; and two of the value of Rs. 8 per mensem, are to be enjoyed by two Third-year students, who pass the Intermediate Examination from the Berhampur Krishnath College, and secure the highest number of marks without obtaining a Government Scholarship.

Medals—Two gold medals, named, after their donors, Rai Baikunthanath Sen, Bahadur and Rai Srinath Pal Bahadur, are awarded to the students of this College passing the degree Examination with Honours in English and Science, respectively. A silver medal, named the Mackenzie Medal founded by late Rai Mukundalal Barman, Bahadur, in commemoration of His Honour Sir Alexander Mackenzie's visit to this District in February, 1893, is awarded to the student, who stands highest from this College, in the B.A. Examination with Honours. A silver medal named the "Harasankar Medal," founded by Babu Nilmani Bhattacharyya, is awarded to a student securing highest marks in Bengali at the Intermediate Examination from this College.

Free Studentships—All Government scholars and students holding "Berhampur College" and "Kennedy" Scholarships receive tuition free. A limited number of free and half-free studentships is also awarded to poor and deserving students by the Maharaja of Cossimbazar. Through the liberality of the late Raja Asutosh Nath Roy of Cossimbazar, a few additional free and half-free studentships to the extent of Rs. 36 a month are also provided.

Collegiate School.—Connected with the College is a School Department teaching up to the Matriculation standard. The tuition fee in the school ranges from Re. 1 to Rs. 2-8 a month.

Hostels.—There are Boarding Establishments attached to the College and the College School for the accommodation of Hindu students and Muhammadan students.

College Department.

In the B.A. Classes English, Philosophy, Mathematics, History, Political Economy and Political Philosophy, Sanskrit, Physics and Chemistry are the subjects taught. Honours Classes are held in English, Philosophy, Sanskrit, History and Mathematics. In the B.Sc. Classes Mathematics, Physics and Chemistry are the subjects taught. Honours Classes are held in all three subjects.

Botany is taught up to the Intermediate standard.

A separate Commercial Department has been opened for the purpose of teaching a special two years' course leading a Diploma in Commerce. The course is intended as a preparation for those desiring to take up work in Commerce or Industry. The standard of the course is similar to that prescribed for the degree of B. Com. in Universities having a Faculty of Commerce. Admission to the Commercial Department is obtainable upon passage of the Intermediate Examination in Arts or Science, or upon passage of a special Entrance Examination held by the College.

Tuition Fee—In the Arts Department, Rupees 5 per month. In the Science and Commercial Departments, Rupees 6 per month.

AFFILIATED INSTITUTIONS

INSTRUCTIONAL STAFF.

College Department.

Principal	... Rev. N. G. Leathef, M.A. (cantab)
Professors of English Literature	... { Bhushanchandra Das, M.A. Jyotischandra Mitra, M.A. Binodchandra Ray, M.A. Harendrakrishna Sarkar, M.A.
Professor of Philosophy	... Abhaykumar Majumdar, M.A.
Professors of History	... { N K. Nag, B.A. (Cantab.) on leave Atalbihari Bhattacharyya, M.A. leave.) Haripada Pande, M.A.
Professor of Mathematics	... Baikunthachandra Ray, M.A.
Professors of Physics	... { Upendrachandra Ghosh, M.A. Birendranath Sarker, M.A. Bejoykumar Basak, M.A.
Professors of Chemistry	... { Dinabandhu Chatterjee, M.Sc Tarinicharan Chaudhuri, M.A.
Professor of Botany	... S. Sinha, B.Sc. (Illionois).
Professor of Political Economy and Political Philosophy	... Jyotischandra Dasgupta, M.A.
Senior Professor of Sanskrit	... Durganath Sastri, M.A.
Professor of Arabic and Persian	... A. Sayid M.A.
Junior Professors of Sanskrit	... { Bholanath Chatterjee, M.A. Bisweswar Bhattacharyya, B.A.
Asst. Professors of Mathematics	... { Prativarajan Ray, M.Sc Kamalaksha Dasgupta, M.A.
Asst. Professors of Philosophy	... { Bibhutibhushan Mitra, M.A. Jitendranath Chatterjee, M.A. Kalikacharan Raychaudhury, M.A.
Asst. Professor of History	... Ramgopal Banerjee, M.A.
Lecturer in Physics	... Susilechandra Raychaudhuri, B.Sc.
Demonstrator in Physics	... Jogendrachandra Ray, M.Sc.
Demonstrator and Lecturer in Chemistry	... { Haripada Ghosh, B.A. Tarapada Ghosal, M.Sc.
Demonstrators in Chemistry	... { Kedarnath Mukerjee. Bishnudas Chatterjee, B.Sc.
Lecturers in English	... { Jyotiprasad Sengupta, M.A. Banbihari Das, M.A.
Tutors in English	... { Bibhutibhushan Bhattacha, B.A. Taraprasad Das, M.A.
Lecturer on Vernacular	... Jajneswar Banerjee.
Laboratory Assistants	... { Bibhutibhushan Nag Bhabataram Chatterjee.
Second Laboratory Assistant	... Sasadhar Chatterjee.

Law Department.

Instruction is given in this Department up to the P.L. standard. The tuition fee is Rs. 5 a month.

Professor of Law ... Nilmini Ghosal, B.L.

Commerce Department.

Professor in charge of the Commerce Department & Professor of Book-keeping & Accountancy, Business methods, & Office Management & Economic History.	{ Nil Rutton Bhattacharjee, M.R.S.A., F.F.P.S. (Lond) F.C.I. (Birmingham) S.A. (U.S.A)
Professor of Economics, Banking & Economic Geography.	{ S. P. Bhargava, M.A., LL.B.
Professor of Correspondence, Advertising etc.	{ G. Taylor.

The Department has been made the Official Centre of the Incorporated Institute of Commerce (Birmingham.)

*Subjects.**Obligatory ;—*

1. Bookkeeping & Accountancy (Includes Law respecting Accounts)
2. Business methods & Office management (Includes Commercial Law)
3. Commercial History (Includes International Trade & Modern Indian Industries)
4. Economic Geography (Includes the study of all Commercial Products)
5. Correspondence, Advertising & Office Appliances (Includes the manipulation of Typewriter, manifold machines etc)
6. Economics (Includes the elements of Banking, Business Policy and the use of Trade Statistics.)
7. Administration.

Optional —

- | | | |
|---|---|--|
| <ol style="list-style-type: none"> 1. Banking. 2. Insurance 3. The organisation of Silk Industry. 4. The organisation of Leather Industry. 5. Shorthand. | } | To be opened if sufficient students are forthcoming. |
|---|---|--|

College Hostel.

The Hostels are managed by and eight Resident Superintendents, five Assistant Superintendents and under the control of the Principal. The charge for Board and Lodging is Rs. 88 in a year.

List of Principals.

- 1853 A. S. Harrison, B.A.
 1856 A. Smith, M.A.
 1858 R. L. Martin, M.A., Head Master in Charge.
 1859 { R. L. Martin, M.A., Head Master in Charge.
 { S. W. Bradbury, Head Master in Charge.

- 1861 R. Hand.
- 1875 G. Bellett, M.A.
- 1877 Prasannakumar Sarbadhikari (*Offg.*)
- 1880 W. B. Livingstone.
- 1887 Brajendranath Seal, M.Ā.
- 1896 Janakinath Bhattacharyya, M.A.
- 1897 Ambikacharan Mitra, M.A.
- 1900 E. A. Murphy, M.A.
- 1906 Rev. E. M. Wheeler, M.A.
- 1915 Sasisekhar Banerjee, B.A (*Offg.*).
- 1919 C.J. Hamilton, M.A. (Cantab).
- 1919 Rev. N. G. Leather M.A. (Cantab).

The Scottish Churches College, Calcutta.

[IN WHICH ARE INCORPORATED THE GENERAL ASSEMBLY'S INSTITUTION
AND DUFF COLLEGE.]

In 1830 the Reverend Alexander Duff founded in Calcutta an Institution for the propagation of the Gospel through education, at once liberal and religious on Western principles and with English as the medium of instruction in the higher classes. This he named the General Assembly's Institution, because it was founded under the direction of the General Assembly of the Church of Scotland whose first missionary he was. Its success was immediate and great. Again, in 1843, when Dr. Duff and his colleagues cast in their lot with that party in the Church which separated itself and formed the Free Church of Scotland, they founded another College under the name of the Free Church of Scotland Institution, on the same principles and with similar success. To the name of this second institution the title of Duff College was added after the death of that illustrious man.

During recent years the separated branches of the Church of Scotland have been desiring and aiming at co-operation and even reunion. Thus the demand for increased efficiency in Indian education and the evident wisdom of concentrating their efforts in one Institution, found them ready to take the decisive step of incorporating their separate Colleges in Calcutta in one. Accordingly, from the first day of June, 1908, the General Assembly's Institution and the Duff College ceased to maintain separate existence, and are now united as "The Scottish Churches College" working under the Scottish Churches Mission, with a Mission Council in Calcutta and a Board of Trustees in Edinburgh.

Affiliation.—The Scottish Churches College is affiliated up to the B.A. Pass and Honours standards in English, Mathematics, Physics, Chemistry, Sanskrit, History, Philosophy, Political Economy and Political Philosophy. Of the vernaculars Bengali and Hindi are taught.

It is affiliated up to the B.Sc. Pass and Honours standards in Physics, Chemistry and Mathematics.

The following Members of the staff are Lecturers in the Post-Graduate classes of the University. Dr. Urquhart and Professor Ewan in Philosophy, Professor Scrimgeour in English and Professor Kydd in Economics.

Fees.—The annual fee of every class is Rs. 84 in Arts and Rs. 120 in Science payable in monthly sums of Rs. 7 and Rs. 10. The admission fee is Rs. 6 and the transfer fee Rs. 6. Arts students have to pay Re. 1 per month extra when a Science subject is taken.

SCHOLARSHIPS AND PRIZES.

Intermediate Arts and Science.

One Fyfe Scholarship of Rs. 12 per month, two London and Edinburgh Scholarships, one Allan Bequest Scholarship, and several college scholarships each of Rs. 7 per month will be awarded to students of merit in poor circumstances.

These Scholarships cannot be held except in very special circumstances along with any other Scholarship from any source. They are tenable for two years at the Scottish Churches College.

At the close of the Intermediate Arts and Science Courses a prize of Rs. 25 will be awarded to each of the students who stands highest in the different subjects in the Courses. The prize in the case of Logic is the Hastie Memorial Prize, in the case of History the Kalidas Mookerjee prize. The Miller Prize of Rs. 30 will be awarded to the student who stands highest in the College Scripture Examinations. None of these prizes are to be assigned to students continuing a regular course of under-graduate arts or science study in another College.

Bachelor of Arts.

One Fyfe Scholarship of Rs. 12 per month, and two London and Edinburgh Scholarships of Rs. 7 per month, and an Allan Bequest Scholarship are awarded to the four students of the College who do the best work in the Intermediate Arts Course, provided, they are placed in the First Division, and are in necessitous circumstances. Of this the Principle must be satisfied.

These Scholarships are tenable for two years at the Scottish Churches College.

The Hawkins Gold Medal, in memory of J. F. Hawkins. Esq., C. S., is awarded to the most distinguished student of the year. Of this the Principal shall be the judge (B.Sc. students are also eligible).

At the close of the B.A. Course the following prizes will be awarded to the students who stand highest in the various subjects at the University Examination provided they pass with Honours, and, if they continue to study for the M.A. or M.Sc. degrees, that they enrol through the Scottish Churches College.

English.

First prize Rs. 50—Macfarlane Prize founded in 1836 by David Macfarlane Chief Magistrate, Calcutta.

Second prize Rs. 35—In memory of Principal J. Morrison, D.D.

Philosophy.

Rs. 70—A University prize in memory of the late Principal W. Smith, M.A.

History.

Rs. 30—A prize founded by Prof. Adharchandra Mookerjee, M.A.

Economics

Rs. 35—Founded by Mr. Buchan of Kelloe.

Sanskrit.

Rs. 30—A prize founded by friends of the late Dr. Ewart.

Mathematics.

Rs. 30—A prize founded by friends of the late Prof. Gaurisankar De.

Bachelor of Science.

One Wilson and Ogilvie Scholarship of Rs. 12 per month, one London and Edinburgh Scholarship and one Allan Bequest Scholarship each of Rs. 7 per month, are awarded to the three students of the College who stand highest in the Intermediate Science Course provided they are placed in the First Division, and are in necessitous circumstances. Of this the Principal must be satisfied.

These Scholarships are tenable for two years at the Scottish Churches College.

At the close of the B.Sc. Course, College prizes of Rs. 30 will be awarded to the students who stand highest in Honours Physics and in Honours Chemistry, respectively. B.Sc. students are also eligible for the Hawkins Gold Medal, the Mathematics and the Scripture prizes.

Hostel and Messes—The Duff Hostel, 32-6, Beadon Street, is primarily for Christian students and is a Non-collegiate Hostel. Superintendent, Rev. J. D. Sinclair, M.A.

The Lady Jane Dundas Hostel, 71-1, Cornwallis Street is for any class of students of the Scottish Churches College, Resident Superintendent, Mr. S. K. Ray, M.A.

The Wann Hostel, 32-6, Beadon Street, is for any class of students of the Scottish Churches College, Resident Superintendent, Mr. B. M. Bose, B.A. The Tomory Memorial Hostel, 5, Badur Bagan Row, Amherst Street, is for any class of students of the Scottish Churches College, Resident Superintendent, Mr. M. L. Sarkar, M.A.

The Ogilvie Hostel, 31-2, Hartookibagan Lane, Superintendent, Mr. J. C. Kydd, M.A. is for any class of students of the S. C. College.

Messes provided by the University are opened for Mofussil students who do not live in the Hostels or with proper guardians.

Library.—The Library of 12,120 volumes is open, free of charge and without deposit, to students of the College, who may borrow books either to read at home, or in the Reading Room.

Clubs.—There are the usual Literary and Athletic Clubs.

INSTRUCTIVE STAFF:

Principal.

Rev. J. Watt, M.A., D.D., F.C.S.

ENGLISH STAFF.

Professors.

Rev. J. C. Scrimgeour, M.A.
Mr. A. Cameron, M.A.

Rev. A. Warren, B.A. (*Land.*)
Mr. Nirmalkumar Siddhanta, M.A.

Mr. J. D. Sinclair, M.A., B.D.
„ Mihirkumar Mookerjee, M.A.

Tutor.

Mr. M. M. Bose, M.A.

Paper Examiner.

Mr. Bijaymadhab Mukerjee, B.A.

PHILOSOPHY AND LOGIC STAFF.

Professors.

Rev. W. S. Urquhart, M.A., D.Phil.
Rev. G. Ewan, M.A.

Mr. Purnachandra Sen, M.A.
Mr. Bholanath Ray, M.A.

ECONOMICS STAFF

Professors.

Mr. J. C. Kydd, M.A.

Mr. Birendrachandra Dutt, M.A.

MATHEMATICS STAFF :

Professors

Mr. G. S. Mill, M.A., B.Sc.
Mr. Madhusudhan Sarkar, M.A.

Mr. Aparnacharan Ganguli, M.Sc.
Mr. Bibhutibhusan Mandal, M.Sc.

HISTORY STAFF.

Professors.

Mr. Adharchandra Mookerjee, M.A., B.L., (*Emeritus*).

Mr. Mahendralal Sarkar, MA. Mr. Satyendrakumar Ray, M.A.

Mr. Arunchandra Sen, M.A.

SANSKRIT, BENGALI AND HINDI STAFF :

Professors.

Pandit Biharilal Banerjee, M.A..
Sanskrit.

Pandit Nandalal Vidyabinod, *Sanskrit*,
Mr. M. M. Bose, *Bengali*.

Pandit Kalipada Mukerjee, *Sanskrit*
and Bengali.

Mr. Shib Narain Lala, *Hindi*.

PHYSICS STAFF :

Professors.

Mr. Jeanchandra Ghosh, M.A. (*Emeritus*)

Mr. Nibaranchandra Ray, M.A.

Mr. Rajanikanta De, M.A., B.Sc.

AFFILIATED INSTITUTIONS

Demonstrators.

Mr. Urukramdas Chakravarti, M.Sc.
Mr. Sureschandra Ghosh, B.A.
Mr. Kshitindrabhushan Sen, B.Sc.

CHEMISTRY STAFF

Professors.

The Principal,
Mr. B. C. Dutt, M.A. F.C.S. Mr. Suryanarayan Sen, M.A.

Demonstrators.

Mr. Haridas Banerjee, M.Sc. Mr. Rabindranath Chatterjee, M.Sc.

Sanskrit College, Calcutta.

AFFILIATED, 1860.

This is a Government Institution.

It was founded in 1824 for the encouragement of the study of the Sanskrit language and literature, and at first Sanskrit was studied exclusively. At present English is taught here up to the B.A. standard and Sanskrit to the standard prescribed for the B.A. Hon. Examination and also for the Sanskrit Title Examination in several branches in the Oriental Department of the College. A class has been opened for teaching the Vedas at the request and expense of Madhavachandra Giri, the late Mohanta Maharaj of Tarakeswar.

The college is open to Hindus occupying a respectable position in Hindu society irrespective of caste. The tuition fee is Rs. 6 per month in the College Department, and Rs. 3 and Rs. 2 in the School Department. The privilege of the lower fee for Rs. 2 is conceded to 40 students of the College Department, who must be descendants of *bond fide* Pandits. The fee of one of the students is paid out of the endowment fund of Srimati Sati Devi of Chandernagore. Besides these there are 75 free studentships for the Sanskrit Title classes. Six Government free studentships are available in the College classes for deserving poor students.

The privilege of the lower fee of Re. 1 is conceded to 200 students of the School Department, of whom 100 must be the descendants of Pandits, and the fee of 50 of the remaining 100 is paid by Maharaja Sir Manindrachandra Nandi Bahadur or Cossimbazar, and that of the other 50 by Babu Pramathanath Mallik, of Pathuriaghata and his two other Co-Trustees, Babu Harendrakrishna Seal and Gopeswar Mallik, out the estate left by the late Rani Rajkumari Dasi. There is one graduate Scholarship of Rs. 30 a month tenable for two years, and there are nine senior Scholarships, varying from Rs. 10 to 20 per month, one Scholarship of Rs. 4 called after its founder, Professor E. B. Cowell. There is also an annual medal or prize of Rs. 10 founded by His Highness the Maharaja of Scindhia, to be awarded to a student of the College, who 'on passing' the Intermediate Examination from this College, stands next to those who obtain Scholarships or any other prizes. There are also eight junior Scholarships of Rs. 8 each, competed for by pupils of the second class of the School Department; and there are besides two Scholarships of Rs. 5 each, two of Rs. 4 each, and eight of Rs. 3 each, called the Maheswari Dasi Scholarships, founded by the late Rai

Rajiblochan Ray Bahadur of Cossimbazar to commemorate the name of his mother. They are awarded annually to the pupils of the third, fourth and fifth classes of the School Department for proficiency in Sanskrit Literature and Grammar. There are two Scholarships of Rs. 5 and Rs. 3 a month called the "Abhaycharan Mallik Scholarships." The former is tenable in the College and the latter in the School Department. And there are also two Scholarships of Rs. 7 a month called "Karaticharan Sarkar's Scholarships" awarded to the students of the Oriental Department studying any one of the six systems of Hindu Philosophy.

A valuable library of printed works and manuscripts is attached to the College; and a Government grant of Rs. 1020 per annum is applied to the purchase of standard English and Sanskrit works. Attached to the college there are two hostels accommodating about 60 boarders.

INSTRUCTIVE STAFF.

Principal (<i>Offg.</i>)	... Muralidhar Banerjee, M.A.
Professor of English	.. Narendranath Chakrabarti, M.A. (on deputation to the Presidency College).
Professor of History	.. Krishnadhan Banerjee, M.A.
Lecturer in Philosophy and Logic	... Mahendranath Sarkar, M.A.
Lecturer in Sanskrit	.. Surendranath Bhattacharyya, M.A.
Offg. Professor of English	... Syamacharan Mukerjee, M.A.
Offg. Lecturer in English	.. Nanigopal Bhattacharyya, M.A.
Professor of Hindu Law	... Mahamahopadhyay Pramathanath Tarkabhushan
Lecturer in Sanskrit Literature and Rhetoric	... Pandit Rajendranath Vidyabhushan
Lecturer in Hindu Law	... Pandit Sitikantha Vachaspati
Lecturer in Veda and Grammar	... Pandit Bahuballabh Sastri
Lecturer in Nyaya	.. Mahamahopadhyay Gurucharan Tarkadarshantirtha
Lecturer in Vedanta	... Mahamahopadhyay Lakshman Sastri Dravida
Lecturer in Nyaya	... Pandit Yamininath Tarkavagish
Lecturer in Panini and Vedanta	... Pandit Sakalnarayan Vyakaran-Kavya-Sankhyatirtha.

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St. Xavier's College.

AFFILIATED, 1862.

This Institution was established under the direction of the Society of Jesus, in January, 1860, in the large building then No. 10 now No. 30, Park Street formerly appropriated by the late Dr. Carew for St. John's College. Since 1868, the adjoining house, enlarged and improved, forms part of the College.

Its object is to give Catholic youths a full course of liberal education, and to train up their hearts to virtue. Pupils of other religious persuasions are also admitted on the same principle of non-interference as the old St. Xavier's College which was closed in 1846.

The College has an infant class, a Lower and Upper School Department averaging about 450 pupils, and a College Department of about 750 students. The course of studies embraces the subjects of the Cambridge Junior and Senior School certificate examinations, of Intermediate in Arts and Science and the B.Sc. courses.

It is further affiliated in English, Vernacular Composition, Mathematics and History up to the B.A. pass Standard.

Competitions are held during the year, and medals and prizes in books are awarded to the best scholars.

A solar spectroscopic observatory, a meteorological observatory, chemical and physical laboratories, and halls for practical science are attached to the College.

INSTRUCTIVE STAFF.

College Department.

Rector and Prefect of Studies	... Rev. J. Fallon, S. J.
Professors of English Literature	... { Rev. P. Carbery, S. J. Rev. J. Comerford, S. J. Rev. O'Neill, S. J.
Professors of Mathematics	... { Rev. A. Lallemand, S. J. Rev. M. Vermeire, S. J. N. N. Mukerjee, M.Sc. H. C. Pal, B.Sc.
Professors of Physical Science	... { Rev. A. Briot, S. J. K. M. Ghosh, B. Sc. Rev. A. Roeland, S. J.
Professors of Chemistry	... { Rev. J. Van Neste, S. J. Manindra Sinha, B.A.
Professor of Logic	... Rev. E. Populaire, S. J.
Professor of History	... { Rev. C. Limbounge, S. J. Rev. J. Fernandes
Professor of Sanskrit	... H. D. Sastri
Professor of Arabic and Persian	... Maulavi Abu Tahir.
Demonstrators in Physics	... { P. C. Sankey, B.Sc. Ushnath Sen, B.Sc. B. D. Sarkar, B.Sc. A. T. Biswas, B.Sc.
Demonstrators in Chemistry	... { Abinaschandra Nandan, L.M.S Sachchidananda Gangopadhyay, B.Sc. K. C. Ghosh, M.Sc. P. C. Neogi, B.Sc.
Tutors in English	... { N. C. Sen Gupta, B.A. J. N. Mitra, B.A.

Rajshahi College.

AFFILIATED, 1878.

It is a Government Institution, originally established as a Zila School in 1836. In 1873 it was raised to a Second Grade College owing to the gift to Government in perpetuity of an estate yielding an annual income of Rs. 5,000 by Raja Hara Nath Ray Bahadur, of Dubalhati and in 1878 it was raised to a

First Grade College, the additional expenditure being met partly from the proceeds of an endowment of one-and-half lacs of rupees created by the Rajshahi Association. Instruction was given up to the standard of the M.A. Examination of the Calcutta University up to 1908. Under the new Regulation of the Calcutta University, affiliation for M.A. was withdrawn. It teaches now up to the B.A. and B.Sc. standards. The students in the General Department pay a monthly fee of Rs. 6.

The College is affiliated as follows : —

I.A. :—English, Bengali, History, Sanskrit, Arabic, Persian, Logic, Mathematics, Physics, and Chemistry.

I.Sc. :—English, Bengali, Physics, Mathematics and Chemistry.

B.A. :—English (Pass and Honours), Mathematics (Pass and Honours), Philosophy (Pass and Honours), Sanskrit (Pass and Honours), Arabic and Persian (Pass), History (Pass and Honours), Economics (Pass), Physics (Pass and Honours) and Chemistry (Pass and Honours).

B.Sc. :—Mathematics (Pass and Honours), Physics (Pass and Honours) and Chemistry (Pass and Honours).

The College is under the control of the Director of Public Instruction, Bengal.

One scholarship of Rs. 15 a month, called the K. C. Sircar Scholarship tenable for two years in the B.A. and B.Sc. classes of the College, is awarded annually to a student passing the I.A. and I.Sc. Examinations from any College in Bengal and reading for his B.A. or B.Sc. Degree Examination in this College.

There is one scholarship of Rs. 3. a month, called the Mayo Memorial Scholarship tenable for two years, open to students in the Third year class.

An annual prize of Rs. 80, called the Mohinimohan Ray prize, is awarded to the student who most successfully passes the B.A. or B.Sc. Examination with Honours, or to a graduate of the College who passed the M.A. Examination in any subject.

There is a scholarship of Rs. 5 a month tenable for two years in the Intermediate classes of this College, annually awarded to the best successful Matriculation candidate from the Bholanath Academy, Rajshahi.

There are two scholarships, called the Banamali Jubilee Scholarships named after their donor Rai Banamali Ray Bahadur, of Tarash, of the value of Rs.8 a month tenable for two years at the Rajshahi College. They are open to two best and poor students who pass the Matriculation Examination one from the Pabna Zila School and the other from the Serajunge H. E. School, and who fail to obtain a Government Scholarship. No student will be eligible for a scholarship who fails to produce certificates of moral character from the Head Master, Second Master and the Head Pandit of the School he reads in.

Two scholarships named after the donor, Rani Manmohini Devi of Puthea, of Rs. 10 and Rs. 8 a month, respectively, tenable for two years, are awarded to students who pass the Intermediate Examination of the Calcutta University from any College in Bengal, and who read in the Rajshahi College for the B.A. or B.Sc. Examination. One scholarship of Rs. 7 tenable in the First-year Class and another of Rs. 8 a month, tenable in the Second-year Class of the College are awarded to the student passing the Matriculation Examination in the first division from the Puthea H. E. School but failing to obtain any other scholarship. A scholarship of Rs. 4 a month for two years is awarded to a student who after passing the Intermediate Examination from any College in Bengal, joins the College and reads therein for his B.A. Degree Examination.

A medal is awarded to the student of the Rajshahi College who passes highest the Intermediate Examination among the successful candidates from it.

Attached to the College there is a Sanskrit Department called the Rani Hemanta Kumari Sanskrit College, founded and endowed by Rani Hemanta Kumari Devi of Puthea. Classes in Vedanta, Smriti, Kavya, Alankara, Grammar, etc., have been opened since July, 1904.

The Madrasa and the College buildings were erected in 1883 and 1884, at the cost of Rs. 38,000 and Rs. 60,000, respectively.

There are two Hindu Boarding Houses, called the Pramatha Nath and Hemanta Kumari Devi Hindu Boarding Houses attached to the College, opened in 1884 and 1901, respectively, and also a Mahomedan Boarding House opened in 1909.

INSTRUCTIVE STAFF.

General Department.

Principal and Professor of Physical Science.	Rai Kumudinikanta Banerji Bahadur, M.A.
Professor of Chemistry	... Dr. Panchanan Neogi, M.A., Ph.D.
Professor of Physics	... Babu Bamacharan Bhattacharyya, M.A.
Offg. Prof. of Physics	... Babu Kanadacharan Chakrabarty, M.A.
Professor of Chemistry	... Babu Haridas Mukerji, M.Sc.
Professors of Mathematics	... Babu Raicharan Biswas, M.A.
"	... Babu Upendranath Ray, M.A.
Professors of English	... Babu Jatindrachandra Guha, M.A.
"	Mr. Hirankumar Banerji, M.A.
Professor of Philosophy & Logic	... Babu Bisweswar Dutta, M.A.
Professors of History	... Babu Santoshkumar Chatterji, M.A.
"	... Babu Jyotishchandra Chatterji, M.A.
"	... Babu Atabchhari Bhattacharyya, M.A.
Professor of Sanskrit	... Babu Radhagobinda Basak, M.A.
Professor of Arabic & Persian	Maulvi Abdul Hakim, M.A.
Lecturer in Arabic & Persian	... Maulvi Muhammad Haidar Ali, M.A.
Lecturers in English	... Babu Girijashankar Bhattacharyya, M.A.
"	... Babu Chintaharan Banerji, M.A.
"	... Babu Debendrakumar Sen, M.A.
Lecturer in Sanskrit	... Babu Shibaprasad Bhattacharyya, M.A.
Do in Sanskrit & Bengali	... Babu Dineshchandra Bhattacharyya, M.A.
"	Babu Nalinikumar Dutta, M.A.
Lecturer in Philosophy & Logic	... (on leave)
"	... Babu Jadunath Singha, M.A. Offg.
Lecturer in Economics	... Babu Jitendrakumar Chakrabarty, M.A.
Demonstrators in Physics	... Babu Kaushiknath Bhattacharyya, M.A.
"	... Babu Hemchandra Ganguli, M.A.
Demonstrators in Chemistry	... Babu Narendranath Chatterjee, M.A.
"	... Babu Birendrabhushan Adhikari, M.A.
"	... Babu Kshirodemohan Sen, M.A.
Laboratory Assistants	... Babu Prabodhchandra Ganguli, B.Sc.
"	B.T.
"	Babu Kalipada Ghosh, M.Sc.

RANI HEMANTA KUMARI SANSKRIT COLLEGE.

Professor of Nayaya & Vedanta	... Fundit Nishikanta Tarkabagish
Professor of Smriti	... Fundit Bamandas Vidyaratna
Professor of Kavya & Vedanta	... Fundit Girishchandra Kavyatirtha & Vedantabhushan (On leave)
"	... Fundit Ramnarayan Tarkatirtha Offg.
Professor of Grammar	... Fundit Ramanikanta Sidhantaratna

LAW DEPARTMENT

Law Lecturer

... Babu Saratchandra Ray, B.L.

LIST OF PRINCIPALS.

1878	Haragobinda Sen (Head Master in-charge of the College)	1893	W. B. Livingstone.
1879	F. T. Dowding, B.A.	1897	K. Banerji M.A. (<i>Offg.</i>)
1880	A. C. Edwards, M.A.	1898	K. Banerji, M.A.
1887	W. B. Livingstone (<i>Offg.</i>)	1919	{ K. Banerjee, M.A. (on deputation) Dr. P. Neogi, M.A., Ph.D. (<i>Offg.</i>)
1887	C. W. R. Tepper, B.B.	1920	K. Banerjee, M.A.
1888	W. B. Livingstone (<i>Offg.</i>)		

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Vidyasagar College.

(Formerly the Metropolitan Institution)

AFFILIATED, 1872.

This College is affiliated under the new Regulations up to the standard of the Intermediate Examination in Arts. in English, Bengali Composition, Sanskrit, Pali, History, Logic, Mathematics, Physics and Chemistry and in the I.Sc., in English, Bengali Composition, Mathematics, Physics and Chemistry; up to the standard of the B. A. Examination in English (Pass and Honours), Bengali Composition, Sanskrit (Pass and Honours), Pali, History, Mental and Moral Philosophy, Political Economy and Political Philosophy, Mathematics (Pass and Honours), Physics and Chemistry: and up to the standard of the B.Sc. Examination in Mathematics (Pass and Honours), Physics and Chemistry. Three members of the instructive staff are Lecturers in the Post graduate classes of the University, *viz*, Mr. J. R. Banerjee in Philosophy, Dr. B. C. Ghosh in Experimental Psychology and Babu Satish Chandra Bose in Pure Mathematics.

The Institution in its present form, at any rate, was the handiwork of Pandit Iswar Chandra Vidyasagara. It was the first attempt to impart high education through a purely indigenous agency and was conducted in a way that was characteristic. He gave it a costly local habitation and endowed it with a valuable Library and Laboratory. In recent years extensive improvements have been made in the Physical and Chemical Laboratories and two large lecturer theatres provided with gas and electric fittings have been constructed, one for the teaching of Physics, and other for the teaching of Chemistry.

It has a large Collegiate Hostel which provides accomodation for nearly 200 boarders, several "Attached Messes," a Literary Club and an Athletic Club.

Six annual cricket prizes called the 'Hardinge Prizes' have been instituted with the sanction of the Viceroy and Governor-General of India, two in each department of the game, in commemoration of His Excellency's visit to one of the College Messes.

Since the death of Pandit Iswar Chandra Vidyasagara in July, 1891, the management of the College has changed hands more than once. Since the 1st September, 1896, it has, under an agreement with the Vidyasagara Institute, been vested in a Committee called the College Council, composed mainly of the Professors of the College. At present the Council consists of Babu Saradaranjan Ray, Vidyavinod, M.A., Mr. J. R. Banerjee, M.A., B.L., Profs. K. K. Bhattacharyya, K. L. Nag, M. Roy, and A. Mitra, Pandit Narainchandra Vidyaratna, son of the late Pandit Iswar Chandra Vidyasagara, and Babu Lalitchandra

Mitra, M.A., Secretary. Vidyasagar Institute, (*ex-officio*), Mr. S. Roy is its President and Mr. J. R. Banerjee is its Secretary.

The annual tuition fee is Rs. 60 for the I.A. classes, except when Physics or Chemistry is taken up when the fee is Rs. 72; that for the I.Sc. classes is Rs. 72, that for the B. A. is Rs. 72 and that for the B.Sc. is Rs. 84. The fee for admission in the case of I.A. and I.Sc. students is Rs. 5 and in the case of B.A. and B.Sc. students Rs. 6.

INSTRUCTIVE STAFF.

Principal	... Saradaranjan Ray, Vidyavinod, M.A.
Vice-Principal	... J. R. Banerjee, M.A., B.L.
	... J. R. Banerjee, M.A., B.L.
	Kunj Lal Nag, M.A.
	Asutosh Mitra, M.A.
	Purnachandra Raychaudhury, M.A.
	B.L.
Professors of English Literature	... Amulyachandra Aikat, M.A., B.L.
	Sisir Kumar Bhaduri, M.A.
	Dwijendranath Bhattacharyya, M.A.
	Achyutakumar Datta, M.A.
	Jiteshchandra Guha, M.A., B.L.
	Manindra Sen, M.A., B.L.
	Jatindramohan Ghosh, M.A.
	Muktadarajan Ray, M.A.
Professors of Mathematics	... Satishchandra Basu, M.A.
	Priyanath Biswas, M.Sc.
	J. R. Banerjee, M.A., B.L.
Professors of Philosophy	... Kshirodchandra Gupta, M.A., B.L.
	Indubhushan Sengupta, M.A., B.L.
	Atulchandra Dasgupta, M.A.
	B. C. Ghosh, M.A., M.B., B.C., (<i>Canta.</i>)
	Amarnath Palit, M.Sc., B.L. (on leave)
Professors of Physics	... Dwarkanath Mukerjee, M.Sc.
	Sailajaranjan Ray, M.Sc.
	Surendranath Ray, M.Sc. (Temp)
	Phanindranath Das, M.A.
Professors of Chemistry	... Haridaykrishna De, M.A.
	Priyabrata Sarkar, M.A., B.Sc.
	Debendranath Bhattacharyya, M.Sc.
Professor of Political Economy and Political Philosophy	... Manimohan Sen, M.A., B.L.
Professors of History	... Jatindrakisor Chaudhuri, M.A.
	... Jatindramohan Ghosh, M.A.
	Saradaranjan Ray Vidyavinod, M.A.
	Kalikrishna Bhattacharyya,
	Radharaman Vidyabhushan.
Professors of Sanskrit	... Madhabdas Chakrabarti, Sankyatirtha.
	M.A.
	Ramkrishna Vidyabhushan.
Professor of Pali	... Amulyacharan Vidyabhushan.
Tutor in Pali	... Bishnucharan Bhattacharyya, B.A.
	... Kshirodchandra Gupta, M.A., B.L.
Professors of Logic	... Indubhushan Sengupta, M.A., B.L.
	... Atulchandra Dasgupta, M.A.
Demonstrators in Chemistry	... Syamlal Mukherjee, B.Sc.
	... Chunilal Datta, B.Sc.

Demonstrators in Physics	...	Sudhirkumar Ray, B.Sc.
Physical Laboratory Assistant	...	Rajkumar Chatterjee
Chemical Laboratory Assistant	...	Haranchandra De
Librarian	...	Bholanath Mukherjee
Inspector of Students Residences	...	Rajkumar Chatterjee.

Succession List of Principals.

1884	Suryyakumar Adhikari, B.A.
1891	Baidyanath Basu, M.A.
1893	N. N. Ghosh, Barrister-at-Law
1909	{ Saradaranjan Ray, Vidyavinod, M.A. (<i>Offg.</i>)
	{ N. N. Ghosh, F.R.S.L., Barrister-at-Law
1910	{ Saradaranjan Ray, Vidyavinod, M.A.
	{ J. R. Banerjee, M.A., B.L. (<i>Offg.</i>)
1916	{ Saradaranjan Ray, Vidyavinod, M.A.
	{ J. R. Banerjee, M.A., B.L. (<i>Offg.</i>)
1917	{ Saradaranjan Ray, Vidyavinod, M.A.
	{ J. R. Banerjee, M.A., B.L. (<i>Offg.</i>)

II

City College, Calcutta.

AFFILIATED, 1881.

This Institution was founded as a School under the name of the City School, in January, 1879. The aim of the institution from the beginning has been to impart education on a broader basis than is usually adopted, so that it should embrace not only intellectual training and the proper enforcement of discipline, but also the improvement of character and healthy development of the mind. The success of the institution, and the desire further to develop and carry out their ideas regarding education, led the council to add a College Department which was affiliated to the Calcutta University up to the standard of the First Arts Examination in January, 1881, and up to the B.A. standard in January, 1884, and B.Sc. in 1910.

The institution is open to all classes of the community and consists of a College and a School Department. In the School Department there are special classes in Drawing and Music, which are open to all students of the School without any extra payment. It has a Branch School teaching up to the Matriculation standard in the town of Mymensingh, called the City Collegiate School, Mymensingh Branch, opened in January, 1883.

College Department.

The Course of instruction is adopted to the requirements of the University for degrees in Arts and Science.

Subjects taught.

B.A.—English (Pass and Honours), Sanskrit (Pass and Honours), Philosophy (Pass and Honours), Mathematics (Pass and Honours), Political Economy and Political Philosophy, History, Persian, Vernacular Composition, Physics, Chemistry.

B.Sc.—Physics, Chemistry and Mathematics (Pass and Honours).

*Fees.**Arts and Sciences :—*

Tuition Fee :—Per month Rs. 5 in the Intermediate classes and Rs. 6 in the B.A. and B.Sc. classes.

Laboratory Charges :—Re. 1 per month.

Admission Fee and Transfer Fee :—Rs. 5 in the Intermediate classes and Rs. 6 in the B.A. or B.Sc. classes.

Punkha Fee :—Re. 1 per annum.

College Union Fee :—Re. 1-8 per annum.

Hostel and Boarding Houses.

There are seven Boarding Houses attached to the College. A hostel capable of accommodating about 180 students has been built at a cost of Rs. 2,70,000 the whole amount being contributed by the Government of India.

The New College Building.

The college removed to a commodious new building at 102-1, Amherst Street, in January 1918, the approximate cost of which is 2½ lacs of rupees. This together with the hostel occupies about five bighas of land.

Students' Common Room.

The students' common room is open from 11 A.M. to 5 P.M. A number of periodicals, including some of the best English and American monthlies as well as literary and scientific journals and a collection of well-chosen biographies, novels and other useful works are kept for the use of students.

The Library.

Students are allowed to take out books from the Library.

STAFF.

Principal	... Herambachandra Maitra, M.A.
Vice-Principal	... Kaliprasanna Chatteraj, M.A.
	{ Herambachandra Maitra, M.A.
	{ Rajanikanta Guha, M.A.
Professors of English Literature	... { Sureschandra Ray, M.A.
	{ Priyanath Chatterjee, M.A.
	{ Brajasundar Ray, M.A.
	{ Brajendralal Ray, M.A.
Lecturers in English	... { Binodebihari Banerjee, M.A.
	{ Charukumar Sengupta, M.A.
	{ P. Ramaswamy, B.A.
	{ Bankimchandra Pal, M.A.
Tutors in English	... { Kshitishchandra Dasgupta, M.A.
	{ Jatindramohan Saha, M.A.
	{ Dhirendranath Mukerjee, M.A.
	{ Kaliprasanna Chatteraj, M.A.
Professors of Mathematics	.. { Nagendranath Swarnakar, M.A.
	{ Satishchandra Chatterjee, M.A.
Lecturer in Mathematics	... Pratapchandra Bhattacharyya, M.A.
Tutor in Mathematics	... Phanimohan Mukerjee, M.A.
	{ Jitendranath Sen, M.A.
Professors of Physics	... { Abanibhushan Das, M.Sc.

Lecturer in Physics	Kalidas Chakrabarti, M.Sc.
Professors of Chemistry	{ Dhirendranath Mukerjee, M.A. Pramathanath Sanyal, M.A.
Lecturer in Chemistry	... Santoshkumar Banerjee, M.Sc.*
	{ Satischandra Mitra, B.A. Dwijendranath Bhattacharyya, M.Sc. Debendranath Chatterjee, B.A.
Demonstrators	... { Surendranath Bose, B.A. Susilkumar Chatterjee, B.Sc. Durgacharan Mitra, B.Sc. Satyendranath Ganguli, M.Sc.
	{ Hirralal Haldar, M.A. Ph.D. (<i>on leave</i>). (Dr Haldar will, by the kind permission of the Syndicate, take the Honours classes in Philosophy).
Professors of Philosophy and Logic	... { Phanibhushan Chatterjee, M.A. Satischandra Sen, M.A.
Lecturer in Philosophy and Logic	... { Sureschandra Ghosh, M.A. Bhupendranath Chakrabarti, M.A.
Professors of History	.. { Brajasundar Ray, M.A. Prfullakumar Chatterjee, B.A. (Cal.), B.Sc (London). (till July, 1919)
Professors of Political Economy	2 ... { Manmathanath Banerjee, M.A. Upendranath Ray, Vidyabhushan, B.A.
Professors of Sanskrit	... { M.R.A.S Satyendranath Sen, M.A., Vidyavagis. Bhagirathchandra Das, M.A.
Lecturers in Sanskrit and Bengali	. { Satischandra Kavyatirtha, M.A.
Tutor in Sanskrit	... Bipinbihari Guha, M.A.
Professor of Arabic and Persian	.. Maulvi Abdul Hadi.
Superintendent	.. Satischandra Chatterjee, M.A.
Librarian	. Surendra Sasi Gupta.
Inspector of Students' Residences	. { Durgacharan Mitra, B.Sc. Satischandra Mitra B.A.

Besides the above staff two Examiners are appointed for the period from August to February to correct and mark papers in Philosophy and Logic.

Free Studentships and Scholarships.

There are about 50 free studentships which are awarded to poor deserving students.

* On the results of the periodical Examinations, 10 scholarships of the value of Rs. 5 each are awarded annually, 5 to the Intermediate students and 5 to the B.A. and B.Sc. students

Constitution of the College—Mr. A. M. Bose, M.A., Bar-at-Law, the founder and original proprietor of the College, made over, in 1887 by duly registered Trust Deed, the building and all other property, movable and immovable, belonging to the Institution to the trustees who were to hold their office for life and entrusted in the same year the entire management of the Institution to a council consisting of nine members to be appointed periodically according to certain rules. The Constitution of the College was changed in 1905, and the College was placed under a society, which was named the City College Institution, and which was registered under Act XXI of 1860. Under that Act all property belonging to the Institution vests in the governing body known as the City College Council, and the whole of the income has to be devoted to the maintenance and improvement of the College, no individual

having any proprietary interest in any portion thereof. The name of the Society has now been changed into Brahma Samaj Education Society.

The Council of the City College.

- Sir P.C. Ray, Kt., D.Sc. (Edin.) Ph.D.
 Dr. P. K. Ray, D.Sc.
 „ Brajendranath Seal, M.A., Ph.D.
 „ Prankrishna Acharyya, M.A., M.B.
 Hon'ble Sir Nilratan Sarkar, Kt., M.A., M.D.
 Mr. Paresnath Sen, B.A.
 Mr. Jatindranath Basu, M.A., B.L.
 Mr. Herambachandra Maitra, M.A. *Principal and Secretary.*
 Dr. Hiralal Haldar, M.A., Ph. D.
 Mr. Subodhchandra Mahalanabis, B.Sc., F R.S.E.
 „ Kaliprasanna Chatteraj, M.A.
 „ Krishnakumar Mitra, B A
 „ Rajanikanta Guha, M.A.
 „ Lalitmohan Das, M.A.
 „ Sreegopal Chakraburty M.A.
 „ Annadacharan Sen, B A.
 „ Satisranjan Das, *Bar-at-Law, Secretary.*
 „ Sudhansumohan Bose M.A. *Bar-at-Law, Joint-Secretary.*

A Provident Fund has been instituted with effect from January, 1915, for the benefit of the staff of the City College and the attached school.

Succession list of Principals.

- 1881 Umeschandra Dutt, B.A
 1907 Herambachandra Maitra M.A.
 June, 1910 Kaliprasanna Chatteraj, M.A. (*officiating*)
 January, 1911 Herambachandra Maitra, M.A.

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Rangoon College.

AFFILIATED, 1883.

The College is affiliated as follows :—

B.A.—English (Pass and Honours), Pali (Pass and Honours), Mathematics (Pass and Honours), Philosophy (Pass), Persian (Pass), Physics (Pass, Chemistry (Pass and Honours).

B.Sc.—Mathematics (Pass and Honours), Chemistry (Pass and Honours) Physics (Pass).

I.A.—English, Pali, Latin, Persian, Mathematics, Logic, Chemistry, Physics.

I.Sc—Mathematics, Physics, Chemistry.

Law College :—

Lectures and Instructions are provided for the University B.L. Courses and the local Pleaders Examinations.

INSTRUCTIVE STAFF.

- Principal** ... M. Hunter, M.A., C.I E., F.C.S.
 „ G. H. Luce, M.A.
Professors of English ... { A. Campbell, M.A.
 „ C. W. Ainley, M.A.
 „ W. G. Fraser, M.A.

Professors of Philosophy	... { L. P. Saunders, B.A. (on leave). G. R. T. Ross, M.A., D. Phil. (on leave). W. Douglas, M.A., B.Ph. (<i>Offg.</i>)
Professors of Mathematics	... { L. G. Owen, M.A. Rai Sahib K. P. De, M.A.
Professor of Pali	... Maung Tin, M.A.
Professor of Physics	... K.M. Ward, B.A.
Professors of Chemistry	... { A. E. Bellars, M.A. R. Venkateswaran, B.A.
Lecturer in English	... Maung Ba Maw, M.A.
Assistant Lecturer	... B.A. Masani, B.A.
Lecturer in Persian	... Mahomed Golam Akber, M.A.
Lecturer in Mathematics	... S. N. Maitra, M.A.
Assistant " "	... Maung Aung Hla, B.A.
Lecturer in Pali	... Ahmed Cassim, B.A.
Lecturer in Philosophy	... N. C. Das Purkayastha, M.A.
Lecturer in Physics	... N. C. K. Aiyar, M.A.
Lecturer in Chemistry	... Maung Ba, B.A.
Demonstrators of Chemistry	... { Maung Ka, B.A. Maung Po Chu (on Military Service.) Maung Ba Than
Asst. Demonstrator " "	... { Maung Ba Theorin, B.Sc. Maung Ba Hla Tin, B.A.
Demonstrator of Physics	... Maung San Pwan, B.Sc.
Asst. Demonstrators of Physics	... { H. S. Sokhey, B.Sc. Maung Sein Gyaw, B.Sc.

LAW COLLEGE

Principal	... M. Hunter, M.A., C.I.E., F.C.S.
Senior Law Lecturer	... T. F. R. McDonnell, B.A., LL.B., Bar-at-Law.
Assistant Law Lecturer	... The Hon'ble Maung May Aung, M.A., LL.B., Bar-at-Law.
1st Additional Law Lecturer	... Maung Gyi, M.A., Bar-at-Law.
2nd	... I. C. Biliomoria, Bar-at-Law.

A monthly fee of Rs. 7 and Rs. 9 is charged for the I.A., I.Sc., and B.A., B.Sc. Classes and Rs. 15 and Rs. 10 for the Law Classes, respectively.

Attached to the College is a College Hostel accommodating about 230 boarders (chiefly Burmese) under the management of Maung Ba, B.A., F.C.S., Lecturer in Chemistry, Maung Ba Hlaing, B.A., Maung Ba Than and Maung San Pwan.

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Ripon College.

AFFILIATED, 1884.

The Institution was originally established as a School, under the name of the "Presidency School" in January, 1880. It continued for two years under the management of a Committee; and in January, 1882, the management passed entirely into the hands of Babu Surendranath Banerjee, who thus became the sole proprietor of the Institution.

It was affiliated up to the F.A. standard in January, 1884, when the name was changed into the "Presidency Institution," which, however, was again changed into the present name in December, 1884. In 1885, it was affiliated up to the B.A. and B.L. standards of the Calcutta University. Under the new Regulations it has obtained further affiliation to the B.Sc. and L.Sc. standards.

Babu Surendranath Banerjee executed a trust-deed, making the College a public Institution in charge of the following Trustees:—Sir Rash Behary Ghose, Kt., C.S.I., C.I.E., The Rt. Hon'ble Lord Sinha, P.C., K.C., Rai Bahadur Baikuntharath Sen, The Hon'ble Sir Ashutosh Chaudhuri, Kt., The Hon'ble Babu Bhupendranath Basu, Dr. U. N. Mukerjee, Mr. J. Chaudhury, the late Babu Ramendrasundar Trivedi and himself.

The administration of the College in respect of all its departments is vested in a Council consisting of members, some of whom serve *ex-officio* and others was elected by the Trustees or the Teaching Staff.

The object of the Institution has been from the beginning to impart education to students of all classes of the people without distinction of creed or colour, at moderate and convenient rates of fees.

The Institution has been removed to new premises in 1911 consisting of two commodious buildings, where the College and School classes are separately located.

The Institution consists of two departments *viz.*, the General and the Law. The General comprises the Collegiate Arts classes and the School Department which includes a vernacular section. The Law Department consists of B.L. and Pledership classes.

The rates of fees are for the Intermediate in Arts Rs. 5 and Intermediate in Science Rs. 6; B.Sc. Rs. 7; B.A. classes Rs. 6; B.L. classes Rs. 6; Pledership classes Rs. 3; and for the School Department, the rates vary from Rs. 3 to annas 8.

INSTRUCTIVE STAFF.

Law Department.

Principal	... Mr. S. C. Chaudhury, M.A., L.L. B.
Vice Principal	... Dr. J. N. Kanjilal, M.A., D.L.
Professors	... { Dr. J. N. Kanjilal M.A., D.L.
	... { Gangadhar Mukerjee, B.L.
	... { J. N. Sinha, <i>Bar-at-Law</i> .
	... { Asitranjan Chatterjee, M.A., B.L.
	... { Asoke Dutt, B.A., <i>Bar-at-Law</i> .
Assistant Professors	... { Nogendranath Bhattacharyya, M.A., B.L.
	... { Sailapati Chatterjee, M.A., B.L.
	... { D. Basu, B.L., <i>Bar-at-Law</i> .
	... { S. N. Chakrabarti, B.A., <i>Bar-at-Law</i> .
	... { S. N. Datta, M.A., LL.B. (Edin), <i>Bar-at-Law</i> .
	... { Satyacharan Sinha, B.L.
	... { A. K. Dhar, LL.B. (Lond.) <i>Bar-at-Law</i> .

College Department.

Principal and Prof. of English	... Janakinath Bhattacharyya M.A., B.L.
Vice-Principal and Prof. of English	... Rabindranarayan Ghosh, M.A.
Professors of English Literature	... { Kirankumar Basu, M.A.
	... { Batuknath Bhattacharyya, M. A.
	... { Rajendrabhusan Baksi, M.A.
	... { Anandakrishna Sinha, M.A.

Additional Professors of English	...	Durgapada Biswas, M.A.
		Baradaprasad Pramanik, M.A.
		Nanibhushan Mukerjee, M.A.
		Dulal Ch. Mallik, M.A.
Professors of Mathematics	...	Kirtishchandra Banerjee, M.A.
		Devaprasad Ghosh, M.A.
		Surendramohan Sengupta, M.A.
		Asutosh Pal, M.Sc.
Professors of Philosophy and Logic	...	Shambhunath Banerjee, M.Sc.
		Pramathanath Mukerjee, M.A.
		Kalihar Sarkar, M.A.
		Bijaykumar Ray, M.A.
Professors of Physical Science	...	Atulchandra Sen, M.A., B.L.
		Birendranath Basu, M.A.
		Gangadhar Mukerjee, M.A., B.L.
		Nripendranath De, M.A., B.Sc.
Professors of History and Political Economy.	...	Surendranath Banerjee, M.A.
		Umapati Bajpeyi, M.A.
		M. Goswami, M.A.
		Harisadhan Chatterjee, M.A.
Professors of Sanskrit	...	Bipinbihari Gupta, M.A.
		Atindranath Mukerjee, M.A., B.L.
		Satkari Adhikari, M.A.
		Krishnapada Vidyaratna.
Professor of Persian	...	Rajendra K. Bhattacharyya, M.A.
		Jogendradas Chaudhuri, M.A.
		Maulavi Abdul Hamid
		S. M. Moazem Hussain, M.A.
Asst. Professors and Demonstrators	...	Sailendranath Basu, B.Sc.
		Sureschandra Datta, M.Sc.
		Jagadindu Ray.
		Radhikaranjan Guha, M.Sc.
		Prabhaschandra Ganguli, M.Sc.

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Bethune College.

AFFILIATED, 1888.

This Institution for the education of girls, was founded in 1849 by the Hon'ble J. E. Drinkwater Bethune, after whose name it is called and by Dakshinananjan Mookerji, Bahadur, Talukdar of Oudh, Zemindar of Bengal. It was maintained by Mr. Bethune from his private funds until 1851, when he died. The most Noble the Marquis of Dalhousie bore all its expenses from 1851 to 1856. It was then taken over and has since been supported by the Government of Bengal. There is a Governing Body for the college appointed by Government, consisting of the following members:—

1. The Director of Public Instruction, Bengal, *President*.
2. The Principal of the College, *Secretary*.
3. The Hon'ble Sir Devaprasad Sarbadhikary, Kt., C.I.E.
4. Mrs. P. K. Mozumdar.
5. Mr. S.C. Mahalanobis, B.Sc, F.R.S.E. *Professor, Presidency College.*
6. Lady Wheeler
7. Lady Bose.
8. Babu Debendranath Ray, M.A.

{ *Ex-officio.*

There is also Managing Committee for the school appointed by Government, consisting of the following members:—

1. The Principal of the College, *President*
2. Mrs. Bear.
3. Mrs. A. N. Chowdhuri.
4. Rai Chunilal Basu, Bahadur, M.B., F.C.S.
5. The Head Mistress of the School. *Secretary*.
6. Mahendranarayan Sen.

The College Department started in 1879, is open to girls of all ages and nationalities and provides for instruction up to the B.A. Standard of the Calcutta University. It is affiliated in English, Vernacular Composition, Sanskrit, Bengali, History, Logic, Mathematics and Botany for the Intermediate Examination, and in English (Pass and Honours), Vernacular Composition, Philosophy (Pass) History (Pass) Mathematics (Pass), Sanskrit (Pass and Honours), Economics (Pass) and Botany (Pass) for the B A Examination. The School Department which is open to girls of Hindu nationality between 6 and 18 years of age, teaches up to the Matriculation Standard. There is a Boarding establishment attached to the institution. The tuition fee for the day scholars is Rs. 3 a month in the College Department and Rs. 2 in the School Department. Boarders are charged a uniform fee of Rs. 11 a month excluding their tuition fees. An admission fee of Rs. 3 has to be paid by every day scholar of the College Department, the fee for the School Department being Rs. 2; and every boarder has to pay an admission fee of Rs. 11 excluding the fee for her admission to the College or the School. A Bus fee of Rs. 2 a month is also levied in case of students who use the College buses for conveyance.

INSTRUCTIVE STAFF.

Principal	{ Miss G. M. Wright, Oxford Honour School, Modern History, Class II.
Professors of English Literature	{ Paresnath Sen, B.A. Bijoygopal Mukerjee, M.A.
Professor of Logic and Philosophy	.. Krishnachandra Bhattacharyya, M.A.
Lecturer in History and Political Economy and Political Philosophy.	Binaykumar Chaudhuri, M.A.
Lecturer in Sanskrit	.. { Debendranath Ray, M.A. Kumudbandhab Chatterji, M.A.
Lecturer in Bengali	.. Kumudbandhab Chatterji, M.A.
Lecturer in History	.. Miss Marie Bonnerjee M.A., B.T.
Lecturer in Mathematics	.. Probodhchandra Sen, M.A., B.T.
Lecturer in Botany	.. Mrs. Sarojini Dutta, M.A.
Head Mistress	.. Miss Hiranmoyee Sen, B.A., B.T.

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Victoria College, Cooch-Behar.

AFFILIATED, 1888.

This College was founded to commemorate the Jubilee of Her Majesty the late Queen Empress Victoria and opened by His Highness the late Maharaja of Cooch-Behar on June 15th, 1888. For 19 years the College was maintained entirely at the expense of the State. A tuition fee of Rs. 4 *per mensem* was introduced from 1st June, 1917.

Students taking up Physics or Chemistry (or both) have to pay an additional fee of Re. 1 (one) *per mensem*.

The subjects taught at the College are -

B.A. Examination.—English (Pass and Honours), Bengali, Mental and Moral Science (Pass and Honours), Sanskrit, History, Political Economy and Political Philosophy and Mathematics.

Intermediate Examination in Arts.—English, Sanskrit, Bengali, History, Logic, Mathematics, Physics and Chemistry.

Intermediate Examination in Science.—English, Bengali, Mathematics, Physics and Chemistry.

Two Scholarships of the value of Rs. 20 each per month tenable for two years at the College, or elsewhere in the case of a scholar reading for the B.Sc. Degree are awarded on the results of the Intermediate Examinations. Six stipends of the value of Rs. 10 each, tenable for two years are awarded each year to six students of the First and Third-year classes in consideration of merit. 15 natives of the State and local students receive gratuitous instruction.

Attached to the College and under the control of the Principal is a Collegiate Hostel, charging a monthly fee of Rs. 11 including tiffin per head, a Boarding Institution for the natives of the State maintained entirely at the expense of the State, and a Mahomedan Boarding Institution.

The Jenkins School is attached to the College and is under the control of the Principal.

The College Library is well equipped with standard works in the different subjects of study. The total allotment in the College Budget for the Library and the Laboratory is Rs. 1,100 a year, in addition to special collection of fees from Science students which is wholly spent on the Laboratory.

The State Library is also accessible to the advanced students, and forms an extensive collection of valuable works in different departments of Literature.

There is a Gymnasium attached to the College in which the students of the Jenkins School and the College are taught exercises according to European and Indian methods.

INSTRUCTIVE STAFF.

Principal and Profeseor of Mathematics	Upendranarayan Sinha, M.A.
Professors of English Literature	... { Saratchandra Gupta, M.A. Basantakumar Ray, M.A. Praphullaranjan Dhar, M.A.
Professor of Physics	... { Manorathadhan De, M.A. Birendralal Bhattacharyya, M.A.
Professors of Philosophy	... { Phakirdas Banerjee, M.A. Haridas Sengupta, M.A.
Professor of Sanskrit	...
Professor of Chemistry and Superintendent of the Boarding	... Phanibhushan Chatterjee, M.A.
Professor of History and Bursar	... Upendranath Ray, M.A.
Professor of Economics	... Chunilal Mukerjee, M.A.
Professor of Mathematics	... Nagendranath Basuray, M.A.
Lecturer in Sanskrit	... Nityagopal Vidyabinod Kayavyakaran-tirtha
Head Master, Jenkins School	... Manindranath Ray, M.A.
Demonstrator of Science	... Jitendranath Dasgupta, B.Sc.

List of Principals.

1888 J. G. Godley, M.A.	1896 Brajendranath Seal, M.A.
1889 W. H. A. Wood, B.A.	1913 Jaygopal Banerjee, M.A.
1892 C. F. De La Fosse. B.A.	1915 T. L. Vaswani, M.A.
1916 U. N. Sinha, M.A.	

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Bangabasi College.

AFFILIATED, 1887.

This Institution was founded under the name of Bangabasi School in May 1886. The success of the School in the first year of its existence led the proprietor to add to it a College Department, which was affiliated to the F.A. standard in June, 1887, and to the B.A. and B.L. standards in March, 1896. The College also prepared students and sent them up for the M.A. Examination for which separate affiliation was not required under Act II of 1857. Under the Universities Act of 1904, affiliation in the Intermediate standard in Arts was restricted to the subjects of English, Bengali, Sanskrit, Mathematics, History, Logic, Physics, Chemistry and Botany and in Science to the subjects of English, Bengali, Mathematics, Physics, Chemistry and Botany; in the B.A. standard restricted to the subjects of English (Pass and Honours), Bengali, Sanskrit (Pass and Honours), History (Pass), Mathematics (Pass and Honours) and Political Economy and Political Philosophy (Pass); and in the B.Sc. standard to the subjects of Physics (Pass), Chemistry (Pass), Botany (Pass) and Mathematics (Pass and Honours).

The Arts Department of the College has in addition to lecture works provision for regular tutorial help and exercise work in all the four classes conducted by the Professors in charge of the respective subjects with the help of tutors and supervised and scrutinized by Babu Lalitkumar Banerjee, the Senior Professor of English. The Science Department consists of two lecture galleries fitted up with the modern requirements of Science teaching, a Physics Laboratory a Chemistry Laboratory and a Botanical Laboratory, for the Intermediate students; four Physics Laboratories, two Chemical Laboratories, two balance rooms, one furnace room and two Botanical Laboratories for the B.A. and B.Sc. students. Gas, water and electric connections have been so laid out that the students working in the Laboratories may have plentiful supply of these necessary adjuncts of practical work. The Laboratory rooms are lighted up with powerful electric lamps so that practical work when necessary is continued right into the early part of the night. The Laboratory work is conducted by the Professors and Demonstrators and scrutinized by the Principal.

Practical Laboratory work in the Science subjects is recorded in manuscript books of prescribed size with a printed College label attached to each. These manuscript books are carefully scrutinized, corrected and initialled by the Professors, Tutors and Demonstrators in charge. Periodical exercises are given in rotation in all subjects once a month, and the answer-books returned regularly after being corrected and the marks or remarks entered in a record-book kept for the purpose. Promotions and Selections for the University Examinations are regulated mainly on the basis of the records of marks or remarks.

In view of the comforts of students, the lecture halls and galleries are provided with powerful electric fans which have completely replaced the old roller punkhas, and sanitary arrangements have been brought up to date.

There is a printed catalogue of books contained in the Library and each student is supplied with a copy of it at a nominal price. Besides the books prescribed and recommended by the University, the Library possesses many other useful books of reference. To keep the Science students posted in facts of the latest developments of the subjects of their study, the Chemical Society's Journal, the Linnean Society's Journal, the Philosophical Magazine and Nature are subscribed. In the spacious Library, tables and seats have been arranged for the boys to consult books, Journals and other periodicals during intervals of rest. Excepting the prescribed text-books and books of reference, all other books are lent out to students, one volume at a time to be returned after a week.

There are several College Messes close to the College.

The College has been publishing since January, 1903, a Magazine styled the *Bangabasi College Magazine*, which is issued once a month excepting during the vacation months. Educational matters and news mainly connected with the University, form the contents of the news column of the Magazine. Political and controversial matters are on principle eschewed as unwholesome and beyond the range of our undergraduates. The Magazine further affords an exercise-ground for the students to try their powers of composition in English, Bengali and Sanskrit; above all it tends to promote an *esprit de corps* to which we attach great importance and which is one of the most potent factors in creating and upholding a genuine *College life and College atmosphere*. In pursuance of this object a *Sporting Club* has been organized under whose auspices the College often enters for the Elliot Shield and other prizes open to College sporting clubs. It thus enables the boys to spend their afternoons in mainly open air games wherein is developed that spirit of co-operation and healthy rivalry which is essential to the growth of a sturdy manhood. Further there are two Associations, *viz.*,—an *Economics Association* and *College Association* mainly conducted by the First and Third year students, the Second and Fourth-year boys joining only occasionally.

The administrative control of the Institution is entirely in the hands of a Governing Body consisting of eleven Members with Raja Pearymohan Mukerjee M.A., B.L., C.S.I., as President, and the Principal as Secretary. The financial control is also vested in the Governing Body subject, however, to the approval of the Trustees of the College consisting of Lord Sinha, P.C., K.C., Under-Secretary of State for India, Mr. G. C. Bose, Principal, and three other members.

Free Studentships.—Government junior and senior scholars receive tuition free.

College Scholarships.—There are two graduate Scholarships of Rs. 8 each.

THE COLLEGE STAFF.

Principal

G. C. Bose, M.A., M.R.A.C., M.R.A.S., F.R.A.S.

TUTORIAL STAFF

Arts.

Lalitkumar Banerjee, M.A.
Pulinbihari Kar, M.A.
Devansunath Chakrabarti, M.A.
Nalininath Ghosh, M.A.
Kalipada Mitra, M.A.
Mrityunjay Chatterjee, M.A.
Mohitosh Raychaudhuri, M.A.
Siteschandra Kar, M.A.
Nalinikanta Sengupta, M.A.
Kaliprasad Banerjee, M.Sc.
Jogendranath Bhattacharyya, M.A.
Bhababibhuti Bhattacharyya, M.A.
Panchanan Ghosal, M.A.
Sailapati Chatterjee, M.A.
Debendranath Mukerjee, M.A.
Rakhaldas Basu, B.A.
Jitendranath Chakrabarti, M.A.
Rajendrakumar Ghosh, M.A.
Rajkumar Chakrabarti, M.A.
Panchanan Ganguli, M.A.
Dhirendrakrishna Mukerjee, M.A.
Mrinalkanti Basu, M.A.

Science.

Kalidas Mallik, M.A.
Rajkumar Banerjee, M.A.
Pramodchandra Sen, M.Sc.
Sukhendrakumar Ray, M.Sc.
Ladlimohan Mitra, M.Sc.
Basantakumar Sanyal, B.Sc.,
(*Demonstrator*).
Sailendranath Bose, B.Sc.,
(*Demonstrator*).
G. C. Bose, M.A.
Haendranath Mitra, M.A.
Dakshinuranjan Banerjee, M.Sc.
Anutosh Dasgupta, M.A.
Rohinikumar Majumdar, B.Sc.,
(*Demonstrator*).
Khagendranath Bera, M.Sc.
Jnanendranath Sen, M.Sc.,
(*Chemistry*).
Indranarayan Mukerjee, B.Sc.
Jnanendranath Sengupta, M.Sc.,
(*Physics*).
Jogendrachandra Banerjee, B.A.

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Brojomohun College, Barisal.

AFFILIATED, 1889.

This Institution was founded as a High Class English School on the 27th June, 1884, by late Babu Brojomohun Dutt, Small Cause Court Judge of Nadiya, at the request of the District Education Committee which had been instructed by the Director of Public Instruction to secure the establishment of a private school, as the number of students in the Barisal Zila School had at that time exceeded 600 and the buildings were found too small for the accommodation of so many boys. Babu Brojomohun expressed a wish to raise the institution to the status of a second grade College but it could not be fulfilled on account of his sudden death. His sons Babu Aswinikumar Dutt and the late Babu Kaminikumar Dutt and Jaminikumar Dutt encouraged by the unexpected success of the Institution and with a view to carry out the wishes of their deceased father added the college classes up to the F.A. standard of the Calcutta University since June, 1889, and to the B.A. standard since July, 1898.

Babu Aswinikumar Dutt worked as an Honorary Professor from the foundation of the college up to 1906 giving up an extensive practice at the Bar.

In March 1912 the Proprietors by a trust deed made over their rights and the management of the college to a council on which the Government, the Proprietors and local interests have been represented, the Rev. E. L. Strong, M.A. (Oxon.) being the first President of the Council; and the Government by an Indenture generously agreed to pay to the Institution three quarters of a lakh of rupees for the construction of a college building and monthly grant of Rs. 1,200 for the maintenance of the college and to acquire and make over a plot of land for the purposes of the college. It was agreed that the school department should continue as before.

A new site about a mile from the town and measuring about 56 bighas has been acquired and raised to the proper level and a new two storied building with 10 spacious rooms together with a suitable common room, out-houses, latrines, roads and temporary Kutcha hostels capable of accommodating 220 students and four Superintendents, as well as a separate house for the Optional Classes, have been constructed, at a cost of about Rs. 1,33,000. The Government having paid a lakh of rupees in all for the site and buildings the deficit of Rs. 33,000 has been met from other sources.

The College classes except those for Chemistry students were removed to the new building after its completion in April, 1918.

A new one storied building for the teaching of Chemistry, which is now under construction on the new site and is likely to cost about Rs. 27,000 including that for the improvement of the Laboratory, will be ready for occupation from the next session.

Mr. J. R. Blackwood, I.C.S., District Magistrate of Barisal is the President of the College Council which has been reconstituted for the second term with effect from the 27th March, 1917.

The object of the college has always been to impart to its students moral and unsectarian religious training together with intellectual and physical education.

Fees.—The tuition fee is Rs. 4 per mensem with the additional contribution of Rs. 2 per annum. Chemistry students have to pay one rupee per mensem in addition.

Special features:—Among the special features of the college might be mentioned:—(1) The teachers' and students' Friendly Union which presents to students by means of hymns, readings, sermons and discourses on the lives of great men, unsectarian cardinal principles of religion and morality. (2) "The Little Brothers of the Poor" consisting of a band of college and school students tend the helpless sick without distinction of caste or creed and help the poor. Under its present gymnastics teacher Mr. S.K. Guha and and Sports Secretary Prof. N. R. Mookerjee the college has distinguished itself in athletics carrying off the James Roy Football Challenge Shield in 1915 and again in 1917 and 1919.

Scholarship and prize:—A Scholarship of Rs. 10 a month called the "Bell Scholarship" after the Hon'ble Mr. N. D. Beatson-Bell, B.A., C.I.E., C.S.I., I.C.S. tenable for two years in the B.A. Classes of this College, is awarded to the student who passes the I.A. Examination in the First Division and stands just below the students who secure Government Scholarships from this college.

A silver medal or prize at the option of the recipient, founded by Babu Chandrasekhar Gupta, late Treasurer of the Currency Office, is awarded to the student who stands first among the successful Matriculation candidates of the school, provided he continues his studies in the college.

Subjects taught in the I.A. Classes.—English, Bengali, Mathematics Sanskrit, Arabic, Persian, Logic, History and Chemistry.

B.A. Classes:—English (with Honours) Mathematics, Bengali, Persian Sanskrit Philosophy (Pass and Honours) and History.

THE COLLEGE STAFF.

Principal and Professor of English Literature.	Babu Nityalal Mukerjee, M.A.
Professors of English Literature	{ Babu Devendrakumar Chatterjee, M.A. " Saurindrakumar Chaudhuri, M.A. " Mukundakisor Chakravarti, M.A. " Jitendranath Dasgupta, M.A.
Professors of Mathematics	{ Babu Chintaharan Ray, M.A. " Rohinikumar Bhattacharyya, M.A.
Professors of Philosophy and Logic	{ Babu Hemantakumar Bose, M.A. " Bhabataran Chakravarti, M.A. " Gopalchandra Bhattacharyya, M.A.
Professors of Sanskrit	{ Pandit Kaminikanta Vidyaratna. " Babu Atulchandra Dasgupta, M.A.
Vice-Principal and Professor of History	Babu Kaliprasanna Ghose, B.A., Secy., C.C.
Professor of History	Babu Nilratan Mukerjee, M.A.
Professor of Persian and Arabic	Maulvi Abdus Sobhan.
Professor of Chemistry	Babu Hemendranath Ray, M.A.
Demonstrator in Chemistry	Babu Mahendranath Gupta, B.Sc.
Professor of Arabic and Persian	Maulvi Md Burhanuddin Fakhoul Mahaddesin.

Succession List of Principals.

1889-1890	Mr. Jnanendranath Chaudhuri, M.A., B.L.
1890-1901	" Brajendranath Chatterjee, M.A., B.L.
1901-1911	" Rajanikanta Guha, M.A.
1911	" Nityalal Mukerjee, M.A.

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Diocesan College.

AFFILIATED, 1907.

The College is affiliated to the Calcutta University; B.A., English (Pass and Honours), Political Economy and Political Philosophy (Pass), Mathematics (Pass and Honours), Botany (Pass), History (Pass), Vernacular Composition, Sanskrit (Pass).

I.A., English, History, Logic, Geography, Vernacular Composition, Sanskrit, Bengali.

Training Class Department for B.T. and L.T. Examinations, Hostel under care of resident Lady Principal.

Collegiate School, exclusively for daughter of Indian gentlemen.

Pupils prepared for Matriculation—Bengali, Urdu, and Sanskrit taught.

Kindergarten Department under a fully trained and certified Mistress.

Music: Pianoforte, Violin, Indian Music, Instrumental and Vocal. Pupils prepared for Trinity College Practical and Theoretical Examinations.

Hostel under care of an English lady.

COLLEGE AND COLLEGIATE SCHOOL STAFF, 1920

Sister Mary Victoria, Lady Principal

Sister Georgina, Head Mistress of School.

Miss H. Jackson, Honours Maths Mods. and Pass Finals including Botany, Oxford; B.A. Dublin.

Miss E. Jackson, Mathematical Tripos, Cambridge; B.A., Dublin.

Miss Keil, B.A., London.

Miss T. Wright, B.A., London, 1st Cl. Hons. in History.

Miss Whitehouse, M.A., London

Miss Burnett-Hurst, Honours in Education in the L.L.B., St. Andrew's, Scotland

Mr. B. Mukerji, M.A., 1st Cl. Pure Economics, Calcutta.

Mr. P. N. Kundu, M.A., Calcutta.

Miss C. Dass, B.A., B.T. Calcutta.

Miss Weingartner, B.A., Calcutta.

Pandit Vidhyabhusan, I.A., Calcutta.

Moulvi Mohammed Khan, I.A., Calcutta.

Miss Daltry, Higher Certificate N.F.W., Bedford, Kindergarten.

Miss Seton, Senior Cambridge.

Miss A. Biswas, Senior Vernacular Training Certificate.

Miss S. Chatteji, " " " "

Miss E. R. Biswas, " " " "

Miss P. Christien.

Drawing and Painting: Miss Cosserat.

Violin: M. Sandre. }

M. Guillaume } Calcutta School of Music.

Piano: McCarthy.

Singing: Miss MacCarthy.

Indian Music: The School Classes are under the supervision of the Sangit Sangha.

Hostel: Nurse, Mrs. Wilks.

Housekeeper: Mrs. Heap.

Assistant: Miss Biswas.

Jagannath College, Dacca.

AFFILIATED, 1884.

This Institution was started as a Middle Vernacular School. In 1872 an Entrance School was added. In 1884 it was made a second grade College and in 1908 a first grade College. It is named after the late Babu Jagannath Raychaudhury, Zemindar of Baliati, Dacca, father of the late Babu Kishorilal Raychaudhury, the founder. In March, 1907, it ceased to be a proprietary institution and was transferred to a Board of Trustees and by the end of the year it became a State-aided College. The Principal has been appointed University Lecturer in English for Post-Graduate teaching, and M.A. Classes in English, group A, have been opened in the College.

The subjects offered at present are:—*In the B.A.* English (Honours), Sanskrit (Honours), Persian, Bengali, Urdu, Philosophy (Honours), Mathematics, History.

In the Intermediate in Arts.—English, Sanskrit, Persian, Bengali, Urdu, Logic, Mathematics, Physics, Chemistry and History.

In the Intermediate in Science. English, Bengali, Urdu, Mathematics, Physics and Chemistry.

Governing Body.

President.—J. T. Rankin, Esq., I.C.S., Commissioner.

Members—Babu Anandachandra Ray, Trustee.

Rai Chandrakumar Datta, Bahadur, Trustee (Secretary)

Babu Jasodlal Raychaudhuri, Trustee.

Rai Lalitmohan Chatterjee, Bahadur, M.A. Principal

Nawab Khajeh Mahomed Yusuff.

Babu Satischandra, Sarkar, M.A.

„ Saratchandra Chakrabarti.

TEACHING STAFF.

Principal.

Rai Lalitmohan Chatterjee, Bahadur, M.A. (English).

Professors and Demonstrators.

Satischandra Sarkar, M.A. (English).

Phanindranath Lahiri, M.A., (English).

Sukharanjan Ray, M.A., (English).

Sunitkumar Banerjee, M.A., (English)

Nirmalkumar Gupta, M.A., (History).

Saileshchandra Banerjee, M.A. (History).

Upendranath Gupta, M.A. (Philosophy and Logic).

Sarojkumar Das, M.A., (Philosophy and Logic).

Rebatikumar Chakrabarti, M.A., (Philosophy).

Dhirendranath Ganguli, M.A. (Mathematics).

Mahimchandra Pal, M.A. (Mathematics).

Kalikrishna Goswami, M.A. (Sanskrit).

Abhaycharan Chakravarti, M.A. (Sanskrit).

Pandit Bamacharan Bidyalankar (Sanskrit).

Rasbihary Bose, M.A. (Physics).

Jogeschandra Ghosh, M.A., F.C.S. (Lond), (Chemistry).

Moulvi Amiruddin Ahmed (Persian).
 Akhilchandra Chanda, B.Sc. (Dem. Chemistry).
 Manoranjan Banerjee, B.A., B.Sc. (Dem. Chemistry).
 Dineschandra Aichchaudhuri, B.Sc. (Dem. Physics).
 Suryyanarayan Ghosh (Dem. Physics).
 Nagendranath Nandi, B.Sc. (Lab. Assistant).

Resident Superintendent of the College Hostel.

Dhirendranath Ganguli, M.A.

Medical Officer

Umaprasanna Ghosh, L.M.S.

Succession List of Principals.

1884—Kunjial Nag, M.A.
 1895—Baikunthakisor Chakrabarti M.A.
 1902—Herambachandra Maitra, M.A.
 1904—Lalitmohan Chatterjee, Rai Bahadur, M.A.

Fees

Intermediate Classes—Rs. 4 *per mensem.* One rupee additional for students who offer a Science subject. B.A. Classes—Rs. 5 *per mensem.* M.A. Classes—Rs. 5 *per mensem.* A limited number of poor and deserving students are admitted free or at reduced fees. Accommodation in the College Hostel is rent free.

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Judson College, Rangoon

AFFILIATED, 1894.

This College was opened in May, 1894, and has been affiliated to the Calcutta University up to the B.A. standard. It is under the control of the American Baptist Foreign Mission Society.

A monthly fee of Rs. 9 is charged in the B.A. and Rs. 7 in the I.A. Classes.

STAFF OF ADMINISTRATION AND INSTRUCTION.

COLLEGE.

Principal Emeritus

Rev. Lewis Ezra Hicks, M.A., Ph.D., LL.D.

Principal.

Rev. David Chandler Gilmore, M.A., D.D.

Vice-Principal.

Rev. Wallace St. John, B.D., Ph.D.

Dean of Women.

Miss. Helen Kendrick Hunt, Ph.B., B.Sc.

Professors of Mental and Moral Philosophy and Logic.

Rev. Wallace St. John 'B.D., Ph.D.
Mr. Randolph Levi Howard, M.A.

Professors of English Literature.

Rev. Raymond Noyes Crawford, M.A.
Mr. Raymond Pilsbury Currier, B.A. (on furlough).

Professor of Pali Literature

Rev. Jesse Fowler Smith, B.A. (on furlough).

Professor of History.

Rev Harry Everett Safford, M.A.

Professor of Mathematics.

Rev. Clarence Eugene Van Horn, M.A.

Professor of Chemistry.

Mr. Canell Henry Whitnah, M.Sc

Lecturers in English Literature.

Mr. Lao Htin Si, M.A. (on study leave).
Mrs. H. Broadbent.

Lecturer in History.

Mr. Sarojkumar Sengupta, M.A

Lecturer in Philosophy.

Mr. Dindayal Banerjee, M.A.

Lecturer in Pali.

Mr. Dineschandra Kanungoe, M.A.

Instructor in Philosophy,

Mr. Lin Choon Fong, B.A.

Instructor in Pali and Burmese.

Mr. Tun Pe, B.A

Instructor in Mathematics.

Mr. Maung Pe, B.A

Instructor in English.

Mr. John Tun Myat, B.A.

Library.

Mrs. David Chandler Gilmore, Ph.B., *Librarian.*

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Cotton College, Gauhati.

AFFILIATED, 1901.

The College was established in 1901 as a purely Government Institution during the administration of Sir Henry Cotton, after whom it has been named and is under the control of the Director of Public Instruction, Assam.

Originally started as a second grade institution teaching up to the F. A. standard, it was housed in a building erected by Government at a cost of over half a lakh of rupees. The short history of the college is one of steady growth since the establishment, due chiefly to the keen interest taken by Sir Lancelot Hare and Sir Archdale Earle, in extending its sphere of usefulness. In 1909, when Assam formed part of Eastern Bengal, B.A. and B.Sc. Classes were first opened and a new Science block was added to the main building. Since 1912, when Assam was reconstituted into a separate administration, the College has undergone further expansion. Honours classes in different branches of studies were opened in 1914 and numerous additions have been made to meet increasing demands, a new block having been added for the exclusive accommodation of the Arts Section. The College has a large Science Theatre with well equipped Chemical and Physical Laboratories, a good library and a common room for students provided with leading periodicals and newspapers. At a distance of half a mile from the College there is a spacious play-ground entirely belonging to the College and the Collegiate School.

COURSES OF STUDY.

The College is affiliated to the University up to the M.A. standard in English (Group A), to the B.A. and B.Sc. Honours stage in English, Economics, Mathematics, Philosophy, History, Sanskrit, Physics and Chemistry, and to the B.A. Pass standard in Arabic and Persian. In Intermediate in Arts and Science it is affiliated in English, Mathematics, History, Sanskrit, Persian, Arabic, Logic, Physics, Chemistry and Vernacular Composition.

Connected with the College under the control of the Principal, there are two separate Hostels for the Hindus and the Mahomedans under the supervision and management of four Resident Superintendents. The College Hostels have now accommodation for 276 boarders. The cost of living in the Hostels ranges from Rs. 10 to Rs. 11 according to market fluctuations. A visiting Medical Officer is in charge of the Hostels and looks after the health of the boarders.

The fees levied in the College are Rs 5 monthly tuition fee and Rs. 5 admission fee. There is a limited number of free studentships which are awarded to deserving students. Junior Scholarships are awarded to the residents of the Assam Valley, upon the results of the Matriculation Examination. Senior Scholarships of the value of Rs 25, 20, 15 and 10 are also awarded on the results of the Intermediate Examinations.

INSTRUCTIVE STAFF.

Principal	...	F. W. Südmersen, B.A. (London)
		{ R. G. Goffin, M.A. (London).
		{ Praphullachandra Ray, M.A.
Professors of English Literature	...	{ Asutosh Chatterjee, M.A.
		{ Suryyakumar Bhuyan M.A.
		{ Banikanta Kakati, M.A.
Professors of Chemistry	...	{ Dr. D. Chakrabarti, Ph.D. (Offg.)
		{ Chunilal De, M.A.
		{ A. K. Das, M.A.
Professor of Economics		A. E. Brown, M.A. (Cantab), LL.B.
		Bar-at-Law. (on deputation)
Professors of Physics	...	{ D. E. Roberts, M.Sc. Acting as Principal.
		{ Surendranath Chatterjee, M.A.
Professors of Mathematics		{ Rajanikanth Barat, M.A.
		{ Harshanath Sen, M.Sc.

Professor of Arabic and Persian	... Sayed Md. Muhibullah, M.A.	
Professors of Sanskrit	... { Padmanath Bhattacharyya, Vidya- binod, M.A.	
Professor of Philosophy and Logic	... { Lakshminarayan Chatterjee, M.A.	
Professors of History	... { R. R. Thomas, M.A.	
Lecturer in Philosophy and Logic	... { Bijaychandra Sengupta, M.A.	
Demonstrator in Chemistry	... { Bhubanmohan Sen, M.A.	
Demonstrator in Physics	... Sureschandra Datta, M.A.	
Lecturer in Assamese	... Saratchandra Chatterjee, M.Sc.	
Lecturer in Physics	... Taral eswar Bhattacharyya, M.A.	
	... Satyanath Bora, B.L.	
	... Lakshminath Das, M.Sc. (tempy.)	

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Chittagong College.

AFFILIATED, 1869.

This College is supported by Government, and is under the control of the Director of Public Instruction, Bengal

It was originally opened as Zila School in 1836 by the General Committee of Public Instruction. In January, 1869, it was raised to a Second Grade College teaching up to the F.A. (now Intermediate) standard. A Law Department, teaching up to the Pleaders Examination standard was also added afterwards. The Collegiate School was separated from the College in April, 1910

The monthly tuition fee in the College Department is Rs 6; and in the Law Department, Rs 6.

There is an endowment scholarship, called the "Ray Golokchandra Chaudhury Bahadur's Scholarship" of Rs 6 a month, tenable at this College for two years and awardable every year to the successful candidate at the Matriculation Examination who stands next below the Government Junior Scholars from the District of Chittagong.

There is another endowment scholarship, called the "Kishori Mohini Scholarship" of Rs. 5-8 per month tenable at this College (except when the recipient is a female) for two years and awardable every alternate year to the most deserving of the poor students of the Chittagong District, who may pass the Matriculation Examination of the Calcutta University but fail to secure any other scholarship.

A Silver medal called the "Nityananda Medal" to the value of the interest of Rs. 400 given by Babu Rameschandra Das, Deputy Magistrate in memory of his father, late Babu Nityananda Das of Alampur, District Chittagong, is awarded annually to the best among the successful candidates, from the Chittagong College in the B.A. or B.Sc. Examination

Attached to the College there are a Hindu Hostel, and a Mahomedan Hostel. Buddhist boarders are temporarily accommodated in a private house.

The College has been affiliated up to the Intermediate standard in Arts and Science in English, Vernacular Composition, Sanskrit, Pali, Persian and Arabic History, Mathematics, Physics and Chemistry. From June, 1910, the College was raised to the first grade and was affiliated up to the B.A. standard in English Vernacular Composition, Sanskrit, Persian, (Honours), Arabic (Honours), Mathematics (Honours), History, Chemistry, Physics and Pali (Honours). From

June, 1913, the College has been affiliated up to the B.Sc. standard in Mathematics, (Honours), Physics and Chemistry. From July, 1919, affiliation has been extended in English (Honours) Political Economy and Political Philosophy (Pass) up to the B.A. standard and Logic up to the Intermediate standard.

INSTRUCTIVE STAFF.

Principal and Professor of English Literature.	J. R. Barrow, B.A., (Cantab.) (<i>On deputation</i>).
Professor of Physics and Offg Principal	Purnachandra Kundu, M.A.
Professors of Mathematics	... { Jibanmohan Bose, M.A., B.Sc. (Edn) Bar-at-Law. (<i>On deputation</i> .)
	... { Maulvi Ataul Hakim, M.A., (<i>Offg.</i>)
Professor of English Literature	... Nripendrachandra Banerjee, M.A.
Professor of Chemistry	... Kshitishchandra Ray, M.A.
Professor of History	... Akshaykumar Sarkar, M.A.
Professor of Arabic and Persian	... Maulvi Mohamed Sonaula, M.A.
Professor of Pali	... Mahimaranjan Baruya, M.A.
Professor of Sanskrit	... Surendranath Dasgupta, M.A.
Professor of Political Economy	... P. K. Chatterjee, B.Sc. (Lond.)
Offg. Professor of English	... Gopalchandra Bhattacharyya, M.A.
Lecturer in Sanskrit	... Bireswar Bose, M.A.
Lecturer in Mathematics	... Sasadhar Dasgupta, M.A., (<i>Offg.</i>)
Lecturer in Arabic and Persian	... Maillavi Abdul Latif.
Lecturers in English	... { Jogeschandra Sinha, M.A. Praphullachandra Das, M.A., (<i>Offg.</i>)
Lecturer in Pali	... Rev. U. Dhammawansa.
Demonstrator in Chemistry	... Kaminikumar Bhattacharyya, B.A.
Demonstrator in Physics	... Narendranath Chatterjee, M.Sc.
Lecturer in Logic	... Charusasi Chatterjee, M.A.
Laboratory Asst., Physics	... Brajendrakumar Sur, M.Sc.
" " Chemistry	... Aswinikumar Bhaumik, B.Sc.
Law Lecturer	... Rajaniranjan, Sen, B.L.

Succession List of Principals.

1869 J. C. Bose	1902 K. C. Raychaudhuri, M.A.
1877 C. M. Majumdar, M.A.	1903 K. C. Bhattacharyya, B.A.
1885 William Dutt, M.A.	1910 F. C. Turner, M.A., (Oxon.)
1890 B. Sen, M.A. (<i>Offg.</i>)	1913 Egerton Smith, M.A., (<i>Offg.</i>)
1891 A. C. Chatterjee, B.A.	1914 F. C. Turner, M.A., (Oxon.)
1897 H. C. Ray, M.A.	1915 J. R. Barrow, B.A., (Cantab.)
1889 D. Dutt, M.A.	1917 P. C. Kundu, M.A., (<i>Offg.</i>)

Wesleyan College, Bankura.

AFFILIATED, 1907.

This College was established by the Wesleyan Methodist Mission in June 1903, partly because of the success of the Mission High School, now known as the Collegiate School, but chiefly because of the great demand for higher education in this part of Bengal. There is no College within 60 miles, and the climate is dry and healthy. The foundation of the College has been amply justified by the number of students who have entered it and the degree

of success obtained. The College is affiliated in English (Pass and Honours), Sanskrit (Pass and Honours), Philosophy, Economics and Mathematics up to the B.A. standard, and in the usual subjects (including Chemistry and Physics) for I.A. and I.Sc.

The College, which is a handsome and convenient structure, stands in a compound of 115 bighas. Gas and electricity are manufactured on the premises. The College has an up-to-date workshop and an Astronomical observatory. The first College Hostel, a fine two storied building, holds 88 students and the second, the Ronaldshay Hostel, contains 64 single rooms. There is at present room for 60 students in attached Messes outside the compound.

The aim of the College is to give a sound healthy education based on high moral and Christian principles. The closest possible intercourse between Professors and students is attained. Cramping is discouraged. Scripture is taught systematically. The playing fields are very extensive. Cricket, football, hockey tennis and badminton are popular.

SCHOLARSHIPS.

(1) *John Mitchell Scholarship*.—To commemorate the services of the Rev. John Mitchell, M.A., as Principal of the College from 1903-1917. Rs. 10 monthly for one year, tenable in the Third-year Class

(2) *W. Owston Smith Scholarship*.—Founded by the late Sir William Smith and Mr. R. O. Smith to commemorate the honorary services of Mr. Owston Smith, M.A., in the college from 1900-1914. Rs 15 monthly, tenable for one year in the Fourth-year Class

(3) *Moulton Scholarships*.—Founded by friends in Manchester, in memory of the late Rev J. H. Moulton, D. Litt, D.D., D.C.L., D. Theol., Professor in Manchester University, and in the Wesleyan Theological College, Didsbury. About Rs. 9 monthly each to two Christian students

MEDALS

(1) *Sarat Kumari Mitra Medal*.—Given annually by Professor S. K. Mitra M.Sc., a former Professor in this college, in memory of his mother, to the student who stands first in Physics from this college in the I.A. and I.Sc. Examinations.

(2). *Haripada Nandi Medal*.—In memory of the late Babu Haripada Nandi given annually to the student of the Third-year Class who stands first in English.

PRIZES

(1) Professor S. K. Karmakar, M.A., gives annually 4 prizes of the value of Rs. 10 each to the first student in Mathematics in each class.

(2) Professor P. K. Banerjee, M.Sc., gives annually a prize of the value of Rs. 15 to the student who does the best work in Practical Chemistry.

(3) *Parsons Prize*.—Given annually in memory of the late Mrs. S. A. Parsons to the value of Rs. 15 to the Third-year Student of this College who obtains the highest mark in the Third English Paper in the I.A. or I.Sc. Examination and who continues to read in the college

(4) Four College Prizes for general proficiency, two each of the First and Third-year Classes.

The monthly fee is Rs. 5, with Re. 1 extra for Chemistry or Physics and Rs. 1-8 for both.

INSTRUCTIVE STAFF.

Principal	...	Rev. A. E. Brown, M.A. (Cantab) B.Sc. (London).
Vice-Principal	...	Rev. E. J. Thompson, B.A (London), M.C.
Professors of English	...	Rev. A. R. Spooner, B.A. (London). Mrs. A. E. Brown, M.A. (Dublin), Med. & Mod. Lang. Tripos (Cantab.)*
Professor of Mathematics	...	Bibhutibhusan Banerjee, M.A.
" Sanskrit	...	Srikanta Karmakar, M.A.
" History	...	Ramsaran Ghosh, M.A.
" Physics	...	Jatindrachandra Guha, M.A.
" Chemistry	...	Rajendrachandra Banerjee, M. Sc.
" Economics	...	Pramodkisor Banerjee, M.Sc.
" Philosophy	...	Jitendrachandra Banerjee, M.A.
" Logic	...	Ratneshchandra Sen, M.A.
Assistant in Sanskrit & Bengali	...	Sasankasekhar Banerjee, M.A.
Demonstrator	...	Anangamohan Kabyatirtha.
Tutor in English	...	Kalachand Mukherjee, B. Sc.
	...	Alfred Singh, M.A

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Victoria College, Narail

* AFFILIATED, 1886.

This College was originally founded as an H.E. School by the late Babu Ramtanan Ray, the local Zemindar. It was raised to the status of a second grade College in 1886 and to that of first grade College in 1890. There are however, at present no B.A. classes in the Institution. The College building is a splendid *pucca* one, situated in the midst of a vast lawn, which affords good space for all sorts of manly exercise. The Boarding House attached to the College is also a *pucca* one which, from its position and facilities for athletic sports most prove an attractive residence to students. All the Professors, Teachers and students of the College and the Collegiate School receive free medical aid, provided by the descendants of the founder. The Vernacular School attached to the College has been incorporated with the Collegiate School, and the whole institution, in all the Departments, is under the control and supervision of the Principal.

The rate of fees in the College classes is Rs 3 per month.

The Library of the College is well-furnished with all the necessary or important works in English Literature. The Professors, including the Principal, are not only always accessible to students but are ever ready to help the boys in all sorts of ways.

INSTRUCTIVE STAFF.

Principal and Professor of English Literature	...	Gopalchandra Maitra, M.A.
Professor of History	...	Amritalal Ray, B.A.
Professor of Logic	...	Gokulchandra Banerjee, M.A.
Professor of Mathematics	...	Gurudas Gupta, M.A.
Professors of Sanskrit	...	Haragovinda Siromani, Anandacharan Kavyatirtha.
Tutor and Librarian	...	Rameschandra Banerjee, M.A.

* On forlough.

List of Principals.

1886	Jogendranath Sen, M.A., B.L.	1902	Annadaprasad Bhattacharyya M.A.
1888	Kalisankar Sukul, M.A.		
1892	Umeshchandra Ghosh, M.A., B.L., F.R.A.S.	1903	{ Amritalal Ray, B.A. (<i>Offg.</i>) Gopalchandra Maitra, M.A.
1901	Amritalal Ray, B.A. (<i>Offg.</i>)		

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The Central College, Calcutta.

AFFILIATED, 1896.

This Institution was founded as a higher class English School, under the name of the "University Institution," on the 2nd June, 1893. The name, however, was shortly changed; and the Institution was recognised by the University of Calcutta under the name of the "Central Institution" which was altered again, in 1896, into the one it at present bears. The unexpected success of the School within a short period of its starting and the connection of a number of experienced educationists with its teaching staff, led to its being raised to the status of a Second Grade College in June, 1894.

The results for 1895, both in the Entrance and F.A. Examinations, having still further improved the prospects of the Institution, an application was made for its affiliation up to the B.A. standard of the University, and it attained to the status of a First Grade College in January, 1896. It completed the full period of five years for which it was stipulated to be maintained in June, 1901 and retained its rank and position as a First Grade College for full 14 years, that is up to May, 1910, when, under the operation of the new Regulations, its affiliation came to be restricted to Intermediate Arts standard of the University.

The institution is not, and has never been, supported by any donations, subscriptions or other aids, and its proprietary rights and responsibilities have absolutely been in the hands of its founder, Babu Khudiram Bose. Recently, however, a change in its present constitution, has been proposed.

Since the enforcement of the new Regulations of the University, the management of the College and the Collegiate School has been vested in a regularly constituted governing body and on the demise and resignation of some of its old members during the previous years it has been reconstituted in the following way:—Lieut. Col. S. P. Sarbadhikari, C.I.E., M.D. (*President*) A. K. Ghosh, Esq., B.A. (*Cantab*). Bar-at-Law, (*Vice-President*), C. H., Linton, Esq., M.A., and R.L. Dutt Esq., D.Sc. (*Members*) and, the Principal of the College (*Member and Secretary*).

The object of the Institution, as remodelled after the promulgation of the new Regulations of the University, is to provide an un-aided College after the model of the great educationist, Pandit Vidyasagar, in the northern part of the city, for students of moderate means and resources, combining physical and moral training with the type of intellectual training, principally on the Arts side, adapted to the present day requirements of the University. Attention is paid to proper enforcement of discipline by precept and example; and examinations and exercises are held frequently. B.A. classes had been at work since June, 1896 and several among the many graduates from this Institution had graduated with Honours in the course of these years. The percentage of F.A. success for 1907 was exactly 50; and that of B.A. (*A Course*) close upon that figure—an indubitable evidence of the success and efficiency of the College.

work for the year, markedly in connection with the B.A. test—beating, as it did, not only its own past records but also, those of all its sister institutions in this city for the year. [*Calcutta University Minutes*. 1907]. In 1919, again the number of I.A. successes was 210 (with 52, in the 1st. Div.).

The ordinary rate of the monthly tuition-fee in the College Department is Rs. 5. The fee for admission is equal to a month's tuition-fee.

Two scholarships named "*King-Emperor and Queen-Empress Coronation Memorial Scholarships*" of the annual value of Rs. 60 to be awarded to two such students of the Institution as would pass with distinction the Matriculation test of the University from this Collegiate School, have been recently provided for, in addition to a lot of School Annual (*Victoria Memorial*) Scholarships determined by the results of the school annual examination. Two other Scholarships—*Vidyasagar Memorial* and *Bireswar Mitter Memorial*—are also awarded; one, to the student who stands first in the test examination in all the subjects taken together, and the other, in Mathematics only, of the Matriculation Class of the School. Two gold medals, named "*Durgacharan Sarkar Medal*" and "*Gaganchandra Basu Medal*", are to be awarded by the Founder or Principal of the Institution—the one, in memory of his youngest brother and pupil and the other, in memory of one of his distinguished pupils, both in Pandit Vidyasagar's Metropolitan Institution—to two such students of this College as would secure a Duff Scholarship and the highest number of marks in Logic, respectively, at the Intermediate Examination in Arts of the University for any year.

The Logic Gold—Medal (Gaganchandra Bose) has been awarded in a very recent year

INSTRUCTIVE STAFF.

Principal and Professor of Logic	...	Khudiram Basu, B.A.
		(C. H. Linton, M.A.
Professors of English Literature	.	H. W. B. Moreno, B.A.
		(Makhanlal Banerji, M.A., B.L.
Professor of Mathematics	...	Satindranath Raychaudhuri, M.A., B.L.
Tutor and Lecturer in History	Temporary	Labanyalal Mookerjee M.A., B.L.
Professor of History	.	Dwijendranath Datta, M.A., B.L.
Professor of Sanskrit and Bengali	...	Trailokyanath Kabibhushan.
Lecturer and Tutor in Sanskrit	...	Abanimohan De, B.A.,
Tutor and Lecturer in English	...	(R. K. Chakrabarti, M.A.
		(Bankimchandra Gold Medallist.)
Examiner and Lecturer in Logic		R. R. Banerji, M.A.

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Midnapore College.

AFFILIATED, 1873

This Institution was founded as a Zila School in 1834, and was converted into a High School in 1873, changing the nomenclature of Government School it has been called the Midnapur Second Grade College. It is supported partly by Government and partly by the interest of an endowment fund raised by the people of the district of Midnapur, amounting to Rs. 5,000 in Government Securities and Municipal Debentures. The management of the Institution which was formerly in the hands of the Director of Public Instruction and of a District School Committee was made over by Government to the local Municipality on the 1st of July, 1887, on the grant-in aid system.

It consists of a College and a School Department. Into the former such students are admitted as have passed the University Matriculation Examination and intend to appear in the Intermediate Examinations. The monthly fee in the College Department varies from Rs 5 to Rs. 6-8. Rs 5 for those who take up pure Arts subjects, Rs 6 for a combination with one Science Subject and Rs. 6-8 for I.Sc. Students.

A Law Department was opened in 1872. The B.L. Classes have been abolished and it now trains students for the Pleaderships Examination only. The rate of fee for this Department is Rs 5 a month.

There is a gymnastic class attached to the College, in which boys are taught exercises according to European and Indian Methods. Drill Instructor has been appointed. The boys also play games such as Football, Tennis, Badminton, Cricket and Hockey.

LOCAL SCHOLARSHIP AND MEDALS.

1. Luchman Prosad Gurgo Scholarship of Rs 5 per mensem (now reduced to Rs 4), tenable for two years, founded by the Zamindar of Mahisadal, of that name, and one Ajudhyaram Khan Scholarship of Rs. 5 per mensem, tenable for two years, founded by Raja Mahendralal Khan, Zemindar of Midnapur, to perpetuate the memory of his father, are awarded annually to the two most deserving students, who pass the University Matriculation Examination from the Collegiate School, provided they are not holders of Government Scholarships and intend to prosecute their studies in this College.

2. One Luchman Prosad Gurgo Gold Medal of the value of about Rs. 32 endowed by the Zemindar of Mahisadal of that name, is awarded annually to the student from the Midnapur College who passes highest at the I.A. Examination.

3. Four Silver Medals of the value of about Rs. 16 each called the Harrison the Martin, the Kaliprasanna Raychaudhuri, and the Bipinbihari Datta Medals, are annually awarded to the best students in History in Mathematics, in English Composition, and in English Language and Literature respectively. The money for the Martin Medal fund was subscribed by the Bengali friends and admirers of the late R. L. Martin, Esq, Inspector of Schools, to commemorate his name. The money for the other medals is drawn from endowments given by those after whom the medals are named. There is another Silver Medal called the "Abhayacharan Medal" which is annually awarded to the candidate who obtains the highest marks in History among the successful Matriculation candidates from the Collegiate School. The money for this medal was subscribed by the friends and students of the late Babu Abhayacharan Basu, Head Master of the Collegiate School. Another Silver Medal of the value of about Rs. 16 is annually awarded to the best student in Sanskrit. The medal is called George V Coronation Medal. The money for this medal (3 Government papers to the value of Rs. 100 each) was received from Babu Atalbihari Sinha, B.L., Law Lecturer of this College.

4. A Hostel to accommodate 86 students was constructed in 1910 by Government, at a cost of about Rs. 40,000, half of which came from the Raja of Mahisadal and half from Government. It was opened in June, 1910. It is divided into two equal sections occupied by the college and school departments.

INSTRUCTIVE STAFF.

Principal	.. Jogendranath Hazra, M.A.
Lecturer in English Literature	... Babu Mohinimohan Mukerji, M.A.
Lecturer in Mathematics	... Jogendranath Hazra, M.A.
Lecturer in English Literature	.. Haricharan Mookerjee, M.A.
Lecturer in Physics	.. Hemchandra Sanyal, M.A., B.L.

Lecturer in Chemistry	... Jagadischandra Das, M.A.
Demonstrator in Chemistry	... Bishnupada Pal, B.Sc.
Lecturer in History	... Debendramohan Bhattacharyya, M.A., B.L.
Lecturer in Logic	... Aswinikumar Dutt, M.A.
Lecturer in History	... Debendramohan Bhattacharji
Lecturer in Sanskrit	... Jnanendrachandra Chatterjee.
Lecturer in Persian,	... Maulavi Abdul Bari
Law Lecturer	... Atalbihari Sinha, B.L.

Succession list of Principals.

1873—1884	Gangadhar Acharyya
1884—1891	Syamacharan Das
1892—1897	Haricharan Ray, M.A.
1898—1911	R. L. Maitra, M.A.
1911	W. K. Duthie M.A.
1912	J. N. Hazra, M.A.

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Burdwan Raj College.

AFFILIATED, 1882.

This Institution, since its first establishment in 1817 has been one of slow but steady growth. True to its mission of supplying the demands of the public of Burdwan for education in the modern acception of the term, it has always kept pace with the real wants of the place. Started as an Anglo-Vernacular School imparting rudimentary education which satisfied the intellectual cravings of the Burdwan people during the early days of the British rule in India, it passed through different stages of improvement, developed various phases of usefulness and at last attained a recognised position as a Second Grade College in 1881.

The educational establishments of the Maharajadhiraj Bahadur divide themselves at the present time under five heads :—

First, the College Department, which is open to all students that are matriculated in the Calcutta University, teaching up to the I.A. standard. The monthly tuition fee is Rs. 4; but there are numerous free-studentships and half-pay-studentships awarded to deserving pupils.

Second, the School Department, serving chiefly as a feeder to the above preparing students for the Calcutta University Matriculation Examination.

Third, the Persian Department, teaching, amongst others, those boys at the first two departments, that take up Persian as their Second Language.

Fourth, the Sanskrit School imparting instruction in the orthodox native style to those, whose religious scruples prevent them from availing themselves of the advantages of the English School.

And fifth and last, the Girls' School, the present provision in connection with which, is more than sufficient to meet the requirements of female education as it is understood at Burdwan. All these departments are under the control of the Principal.

The disbursements in the different departments, aggregate annually about Rs. 32,200, they being entirely met by the munificent charity of the Maharajadhiraj Bahadur.

Several boys in consideration of their extreme indigence, are found in money, besides provided with free tuition.

Three scholarships, each of Rs 10 per mensem, and tenable for two years are annually awarded to some of the most successful I.A. candidates from the College, to assist them in the further prosecution of their University studies.

INSTRUCTIVE STAFF.

College Department.

Principal and Professor of English and

Sanskrit	...	Umacharan Bandyopadhyay, M.A.
Professor of Mathematics	...	Karaliprasad Ray, M.A.
Professor of English	...	Manibhushan Sen, M.A.
Professor of History	...	Gopalkinkar Mukerjee, M.A., B.L.
Professor of Logic	...	Nanigopal Banerjee, M.A.
Lecturer in Persian	...	Nural Islam (Offg).

List of Principals.

1881 W. Billing	...	1884 Ramnarayan Datta, B.A.
1882 Kunjalal Nag, M.A.	...	1891 Umacharan Bandopadhyay, M.A.

There is an un-attached Collage Mess in a nice and commodious building, with extensive premises, and capable of accommodating more than 50 students. Seat rent and establishment charges are paid by the Raj. Free Medical help is also supplied to the boarders.

The management of the College and the Collegiate School is vested in a Committee consisting of:—

Hon'ble Sir Bijaychand Mahtab, K.C.S.I., K.C.I.E., I.O.M.,
Maharajadhiraja Bahadur of Burdwan, *President.*

Babu Debendranath Mitra, Government Pleader, *Member.*

„ Jagadbandhu Mitra, L.M.S., Assistant Surgeon, *Member,*

„ Hrishikes Chatterjee B.L., Deputy Manager, Burdwan Raj, *Member.*

„ Umacharan Banerjee, M.A., Principal, Burdwan Raj College, *Member and Secretary.*

„ Manibhushan Sen, M.A., Prof. of English, *Member.*

„ Karunakumar Chatterjee, M.A., Head Master, Collegiate School *Member.*

„ Moulvi Sayed Abdul Mowla, Late Vice-Chairman, Burdwan Municipality, *Member.*

Uttarpara College.

AFFILIATED, 1887.

This College is the final outcome of the long-continued efforts of the late Babu Jaykissen Mukerji in furtherance of the cause of English education in Bengal. In 1846, he had a Government School opened at Uttarpara on the basis of an endowment by him and his brother the late Babu Rajkissen Mukerji, of Rs. 1,200 a year, and a Government assignment of equal value. The School prospered and own its way to the front rank among the Schools in Bengal.

Babu Jaykissen's wish was that his School should ultimately expand into a College, and to this end, so long as the year 1853, he asked Government to raise the school to a first class College, offering to contribute an equal sum with Government towards the maintenance of the College. In 1883, he submitted a proposal for the conversion of the School into a Second Grade College offering to make an endowment for its support so that it may cost the Government nothing. The recently initiated educational policy of Government stood, however, in the way of his proposal being accepted, and it was accordingly not accepted.

He finally went up to Government in April, 1887, with a proposal for the establishment of an aided College in connection with the old Government School. Government accorded him permission to open such a College, but on the condition that he took the School off the hands of Government. He agreed to do so, provided Government left the school the material advantage it derived from its connection with the Government. It took some time to settle the terms of the transfer, which was formally effected in March, 1889. The College and the Collegiate School were then under the management of a Board consisting of the Collector of Hughly as President, of Raja Pearymohan Mukerji, C.S.I., and of Babu Rashbihari Mukerji as representatives of the late Babu Jaykissen Mukerji and of Babu Manohar Mukerji as representative of the late Babu Rajkissen Mukerji. But the Uttarpara School having been resumed by Government on 1st April, 1897, the College is now maintained by its proprietor, Raja Pearymohan Mukerji, C.S.I., M.A., B.L.

INSTRUCTIVE STAFF.

Principal and Professor of Logic and History	Jogendranath Mitra, M.A., B.L.
Professor of English Literature	Nanigopal Mukherjee, M.A.
„ Physics	„ Dhrubakumar Pal, M.A., B.Sc., B.L.
„ Chemistry	„ Pannalal Mukherjee, M.Sc.
„ Mathematics	„ Saratchandra Rudra, M.A.
„ Sanskrit and Bengali	„ Pandit Ramchandra Kabya-Smriti-Mimamsatirtha.
Lecturer in Bengali	„ Pandit Gurudas Gupta, Vidyavinode
Demonstrator	„ Mahendranath Gupta, B.Sc.

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Murarichand College, Sylhet

AFFILIATED, 1891.

This Institution was founded as a Higher Graded English School in 1896 by the late Raja Girishchandra Ray, Zemindar of Sylhet, who after long-continued efforts in furtherance of the cause of higher education, raised it to the status of a Second Grade College in 1897. It is named Murarichand College after the name of the proprietor's grandfather, the late Babu Murarichand Ray.

The College has been provincialised from the 1st of April, 1912; but the name of the College has been retained as Murarichand College, Sylhet, in accordance with one of the conditions under which the late proprietor agreed to the transfer of the College to Government management.

When the new Regulations came into force in 1905, affiliation was restricted to the Intermediate in Arts in the following subjects, namely, English, Vernacular Composition, Mathematics, Logic, Chemistry, Sanskrit, Arabic and

Persian. In the year following the provincialisation of the College, affiliation was extended in the following courses and subjects, namely, History, and Physics in the Intermediate in Arts, and English, Vernacular Composition, Mathematics, Physics and Chemistry in the Intermediate in Science.

The affiliation of the College was further extended to the B.A. Pass standard in 1916, in the following subjects, namely, English, Vernacular Composition, Mathematics, Sanskrit, Persian, Arabic, History and Philosophy, and it was further extended to the B.A. Honours standard in Sanskrit in 1918.

The fees in the college classes are as follows :—

Intermediate Classes	...	Rs. 4 per mensem.
B.A. Classes	...	Rs. 5 " "

There are three Hostels attached to the College, two for Hindu pupils to accommodate 116, and the other for Mahomedan pupils to accommodate 38. The Hostels are under competent supervision.

Land to the extent of 26 acres, was acquired for the permanent establishment of the college, situated in the heart of the town of Sylhet. This has however, been abandoned in favour of a better site outside the town, containing about 112 acres of land, the acquisition of which has been completed. It is expected that, the question of the site having thus been finally settled, the construction of the permanent buildings will be well in hand during the course of the year 1920.

INSTRUCTIVE STAFF.

Principal	...	A. C. Datta, B.A. (Cantab.), F.R. Met.S.
Professors of English	...	{ Sureschandra Sengupta, M.A. Surenchandra Gupta, M.A. Sasimohan Chakrabarty, M.A.
" Mathematics	...	Surendranath Sen, M.A.
" Logic and Philosophy	...	{ Surendralal Kundu, M.A. Prabodhchandra Sanyal, M.A. Vanamali Chakravarti, Vedantatirtha, M.A.
" Sanskrit	...	{ Nalinimohan Mukherjee, Shastri, M.A. Abdulla Abu Sayed M.A.
" Persian and Arabic	...	{ Majuddin Ahmed, M.A. Kishorimohan Gupta, M.A.
" History	...	{ Nimaichand Sil, M.A. Radhagobinda Bhowani, M.A., B.L.
" Physics	...	Jatindramohan Datta, M.A., F.C.S.
" Chemistry	...	Gopalchandra Sen, B.A.
Demonstrator in Chemistry	...	Sitanath Prandhan, M.Sc.
" in Physics	...	

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Krishnachandra College, Hetampur.

AFFILIATED, 1897.

This institution founded in the name of the father-in-law by late Rani Padma Sundari Devi of Hetampur and opened on 27th June, 1897, situated at Hetampur, a village in the District of Birbhum within 2½ miles of the Railway Station, Dubrajpur (Ondal-Sainthia Chord) East Indian Railway. The place is reported to be very healthy and has a relatively dry climate and having none of the distractions of large towns it is specially suited for development of a sound and healthy Collegiate life.

The College building is a handsome structure formerly used for the worship of the Goddess Saraswati. By a registered trust deed the late proprietress endowed the College with an annual income of Rs. 6,100 chargeable on certain of her estates in the districts of Birbhum and Santhal Parganas. The management of the College is in the hands of a committee.

This College has been affiliated up to the Intermediate Examination in Arts under the new regulations in the following subjects:—English, Bengali, Logic, History, Sanskrit, Mathematics and Physics. Of the optional subjects taught all combinations are allowed.

The tuition fee is Rs. 4 per month. Five free studentships are granted according to the rules of the College to deserving students in each class. All Government Scholars are admitted free. The number of students in each class being limited they receive an exceptional amount of individual attention.

There is a Hostel attached to the College pleasantly situated outside the village and is under the charge of a Resident Medical Superintendent. The monthly charge for each boarder is about Rs. 9.

INSTRUCTIVE STAFF.

Principal and Professor of English, Literature	...	Dharmadas Dutt, M.A., M.R.A.S.
Professor of Physics	...	Vacant.
Professor of Logic	...	Anilbaran Ray, M.A.
Professor of Mathematics	...	Bhupendrachandra Sengupta, M.A., B.L.
Lecturer in History and Tutor of English	...	Saratkumar Sen, M.A.
Professor of Sanskrit	...	Durgamohan Kavyatirtha.

List of Principals.

- 1897 Dr. Jogendranath Bhattacharyya, M.A., D.L.
- 1899 Akshaykumar Sen, M.A., B.L.
- 1902 Saratchandra Bhattacharyya, M.A., (*Offg.*)
- 1903 Akshaykumar Sen, M.A., B.L.
- 1905 Radhikanmohan Chaudhuri, M.A., (*Offg.*)
- 1906 Radhikanmohan Chaudhuri, M.A.
- 1908 Atulchandra Sen, M.A., B.L., (*Offg.*)
- 1909 Atulchandra Sen, M.A., B.L.
- 1910 Dharmadas Dutt, M.A., (*Offg.*)
- 1911 Dharmadas Dutt, M.A.

31

The Edward College, Pabna.

AFFILIATED, '898.

This College was originally founded by Babu Gopalchandra Lahiri, who in 1898, added the F.A. classes to his school teaching up to the Entrance standard and called the Pabna Institution. In 1906 the management of the College which obtained the new name of "Pabna College" was made over to a committee elected by the public. In August, 1911, with a view to commemorate the loving memory of the late King-Emperor Edward VII, the College was named after His late Imperial Majesty.

The constitution of the Governing Body of the College has undergone a through change. New rules have been adopted with the approval of Government, under which the management of the College is vested in a committee consisting of :—

- (i) The District Magistrate of Pabna, *President, ex-officio*.
- (ii) } Three nominees of Government.
- (iii) }
- (iv) }
- (v) One nominee of the eldest male descendant of the late Rai Banamali Ray, Bahadur, (in consideration of his generous donation of Rs. 50,000 to the College).
- (vi) One member elected by the other donors and subscribers of the College.
- (vii) The Chairman of the Pabna Municipality, *ex-officio*.
- (viii) The Principal, Edward College, Secretary. *ex-officio*.
- (ix) } Two members elected by the retiring Governing Body.
- (x) }
- (xi) } Two members elected by the Professors of the College from among
- (xii) } themselves, one from the Arts and the other from the Science Department.

During the visit of his Excellency the Governor of Bengal in August, 1912 His Excellency was pleased to announce in his reply to the address that Rai Banamali Ray Bahadur (since deceased), Zemindar, Tarash, Pabna would give a donation of Rs. 50,000 to the College. In December, 1912, the Government of Bengal sanctioned a capital grant of Rs. 50,000 on condition of the realisation in full of the promised donation of the said Rai Banamali Ray, Bahadur, and a recurring grant of Rs. 500 a month on condition of the actual collection of Rs. 30,000 paid or promised by other gentlemen. The donation promised by the Rai Bahadur has been realised in full, and the capital grant of Rs. 50,000 has been received from Government. The construction of new College and Hostel buildings have since been completed and the College and the Hostels have been removed to the new premises. Out of Rs. 30,000 to be raised from the public, Rs. 17,104 has been actually raised and a beautiful site on the river Ichamati consisting of 40 bighas of land for the College and Hostel buildings has been acquired the value of which has been estimated to be Rs. 25,000. The recurring grant of Rs. 500 a month has been sanctioned with effect from the 1st June, 1914, and the College has now been placed on a sound financial basis.

The College teaches the following subjects up to the Intermediate standard in Arts :—

English, Bengali, Sanskrit, Persian, Mathematics, Logic, History and Chemistry. Of the optional subjects taught, all combinations are allowed.

The tuition fee is Rs. 5 a month. An additional fee of Re. 1 is charged from each of the Second-year boys reading Chemistry. The Boarding charges amount to about Rs. 10 per mensem.

Five per cent of the students on the rolls are admitted free, besides Government scholars.

There are two scholarships, called the Banamali Jubilee scholarships named after their donor, Rai Banamali Ray Bahadur of Tarash, Pabna, of the value of Rs. 8 a month, and originally tenable for two years at the Rajshahi College have been made tenable at the Edward College also from the year 1906-07. They are open to two best and poor students who pass the Matriculation Examination—one from the Pabna Zila School and the other from the Serajunge H. E. School and who fail to obtain a Government Scholarship.

INSTRUCTIVE STAFF.

Principal and Professor of English Literature	Radhikanath Bose, M.A.
Professor of Mathematics	Haridhan Mukherjee, M.A.
Professor of Sanskrit	{ Hemchandra Ray, M.A.
	{ Hemchandra Banerjee, M.A.
Professor of History	... Banwariial Bose, M.A.
Professors of Logic	{ Dhirendranath Chaudhuri, M.A.
	{ Kalachand Bhattacharyya, M.A.
Junior Professors of English Literature	... Surendranath Ray, M.A.
	{ Digindranath Majumdar, M.A.
Professor of Chemistry	... Bholanath Saha, M.Sc
Professor of Persian	... Maulvi Efazuddin Ahmed
Demonstrator of Chemistry	... Jagatbandhu Pramanik

32

Comilla Victoria College.

AFFILIATED, 1899.

It is aided by Government and has been endowed by H. H the Maharaja of Tipperah.

CONSTITUTION.

Board of Trustees

H. H. the Maharaja of Tipperah.
The District Magistrate of Tipperah.
Rai Anandachandra Roy, Bahadur.

GOVERNING BODY.

1. The District Magistrate of Tipperah
2. H. H. the Maharaja of Tippera to be represented by the Officer-in-charge of Chakla Rosnabad Estates.
3. Rai Anandachandra Roy, Bahadur, Zamindar, Founder-Secretary.
4. Babu Satyendranath Basu, M.A., Principal.
5. Nawab Syed Hossam Haider Choudhury, Khan Bahadur, Zamindar.

INSTRUCTIVE STAFF.

Principal and Professor of English Literature	... Satyendranath Basu, M.A.
Professors of English Literature	{ Harendrachandra Chakrabarti, M.A.
	{ Sasikumar Ghosh, M.A.
	{ Jyotsnamay Basu, M.A.
Professor of Mathematics	... Radhagobinda Nath, M.A.
Professors of History	{ Kshitimohan, Das Gupta, M.A.
	{ Nirmalchandra Choudhury, M.A.
Professors of Logic and Philosophy	{ Devendranath Ghose, M.A.
	{ Pareshchandra Ganguli, M.A.

Professors of Sanskrit	... { Atulchandra Banerjee, Vidyaratna, M.A. Girindranarayan Mullik, M.A.
Moulavis	... { Moulvi Abdul Aziz. Moulvi Md. Sonaula.

College fee, Rs. 5 a month for Intermediate and Rs. 6 for B.A. classes

HOSTEL.

A comfortable Hostel is attached to the college and placed under the control of a Superintendent who is generally a Professor of the college.

SCHOLARSHIP.

"*Maharajas Scholarship*"—A scholarship of Rs 15 a month tenable for two years at this college to be awarded by His Highness the Maharaja of Tipperah to the student who passes the I.A. Examination in the 1st Division and does not obtain a Government Scholarship.

33

St Paul's Cathedral Mission College.

(Formerly C. M. S. College.)

FOUNDED, 1865. REFOUNDED, 1899.

This College was originally founded as the Cathedral Mission College in 1865 at 22, Mirzapore Street. It was refounded in 1899 under the name of Churches Missionary Society's College. The College moved to its present premises at 33 Amherst Street in 1908. It was raised to the B.A. standard and the present name adopted in 1914.

The College is affiliated to the B.A. standard in English (Honours), Bengali, Sanskrit, Philosophy, History (Honours), Mathematics, Economics and to the I.A. standard in Chemistry.

The aim of the College is to be a small residential College of the Oxford and Cambridge type. Not more than 250 students are admitted, so that the classes may be small enough to admit to close individual attention. Every student receives private tuition in each subject once a fortnight. Eventually the College will be wholly residential. At present there is Hostel accommodation for about 160 students. Games are compulsory. Every member of the College must play at least three approved games each week. All students receive religious instruction.

The College buildings have been greatly extended, and are large, airy and thoroughly up-to-date in equipment of every kind. The Nirmalendu Hall of Learning contains a good Library, a bright and comfortable Common Room. The College ground provides a field for foot-ball, cricket, and hockey, three tennis courts, and badminton court. There are three five court, a gymnasium and an open swimming bath. The hostel buildings are commodious and lighted throughout by electricity. Each student has a separate furnished room. There are two dining rooms for Hindu students. Christians, Mahomedans, Buddhists, Brahmos and others dine in Hall. The mess arrangements are in the hands of the students. The Principal, Vice-Principal and several Professors reside in the Hostel with the students.

INSTRUCTIVE STAFF.

Principal	... The Rev. W. E. S. Holland, M.A. (Oxon) (on furlough).
Vice-Principal	... The Rev. A. R. Johnston, M.A. (Cambridge) (on furlough).
Acting Principal	... Rev. E. C. Dewick, M.A. (Cantab).
Acting Vice Principal	... The Rev. H. M. Grindon, M.A. (Cantab. and London).
Professors of English Literature	{ The Vice-Principal. ... N. K. Bose, M.A. A. Padmapati, M.A. B. Mahanti, M.A.
Professors of History	{ The Principal. ... P. Mahanti, M.A.
Professors of Philosophy	{ Kanailal Banerjee, M.A. ... Dhirendranath Mandal, M.A.
Professors of Sanskrit and Bengali	{ Jatindranath Bhattacharyya, M.A. ... Phanibhushan Chatterjee, M.A.
Professor of Economics	... Bijaykrishna Bhattacharyya, M.A.
Professors of Mathematics	{ Satyacharan Basu, M.A. ... Jyotishchandra Mandal, M.A.
Professor of Chemistry	... Dhirep Sircar, M.Sc.
Demonstrator	... T. M. Mathai.

FEES.

College.

I.A. Classes Rs. 5 per mensem, Chemistry Re 1 extra. B.A. Classes Rs. 6 per mensem.

Hostel.

Rs. 6 per mensem, inclusive of electric light. Mess Rs. 8 per mensem. Athletics. Rs. 5 per annum, payable in advance. Common Room Rs. 2 per annum, Magazine, Re. 1 payable in advance. Caution money.—College Rs. 5, Hostel Rs. 5.—Returnable when the student leaves. Entrance fee, Rs. 5.

34

Hindu Academy, Daulatpur (Khulna).

AFFILIATED, 1907

This Institution was founded in 1902, and constitutes a religious trust under the management of a Board of Trustees. Its aim, principally, is to give Hindu boys a training in their religion, and to revive ancient Hindu Learning; it has in view also the furtherance of the cause of general education.

It has two departments, namely, the College and the *Chatuspathi*. The College was affiliated in 1907 up to the Intermediate course in Arts, in English, Bengali, Mathematics, Sanskrit, History and Logic. Affiliation was extended in 1909 up to the Intermediate course in Physics and Chemistry, and Botany, was added in 1911. In 1914 affiliation was extended up to the B.A. Pass standard in English, Bengali, Mathematics, Sanskrit, History and Philosophy. The *Chatuspathi* teaches different Sanskrit subjects and prepares students for the Sanskrit Examinations introduced by Government.

The Institution has got a healthy rural site with a large compound and a picturesque river frontage. The special feature of the Institution is its Hostel, in which all the teachers and the majority of the students reside. There is a substantial Library and a Laboratory fitted up with up-to-date equipment

INSTRUCTIVE STAFF.

Acharyya	...	Pandit Debnath Smrititirtha.
Principal	...	Dwijapada Banerjee, M.A.
Vice-Principal	...	Surendranath Basu, M.A.
Professors of English Literature	...	Bankubihari Bhattacharyya, M.A.
	...	Prafullanath Ray, M.A.
	...	Sudhirgopal Mukherjee, M.A.
	...	Brajendrakumar Ghosh, M.A.
Tutor of English	...	Bhubanmohan Majumdar, M.A.
Professors of Mathematics	...	Charuchandra Basu, M.A.
	...	Sudhansubadan Pande, M.Sc.
Professors of Philosophy	...	Dwijapada Banerjee, M.A.
	...	Narendranath Dasgupta, M.A.
	...	Bilaschandra Mookerjee, M.A.
Professors of History	...	Satishchandra Mitra, B.A.
	...	Ramaniranjan Sen, M.A.
Professors of Sanskrit	...	Pandit Annada Ch. Smrititirtha.
	...	Surendranath Bhattacharyya, M.A.
	...	Pandit Jaminikanta Tarkatirtha
Professor of Physics	...	Surendranath Basu, M.A.
Professors of Chemistry	...	Hemendrakisor Datta, B.A.
	...	Anukulchandra Ray, M.Sc.
Professor of Botany	...	Hemendrakisor Datta, B.A.
Professor of Bengali	...	Satishchandra Mitra, B.A.
Demonstrators	...	Ramakanta Bal, Nilmoni Sengupta B.Sc.
	...	Nalinchandra Majumdar, B.Sc.
Medical Officer	...	Jahnavicharan Dasgupta, L.M.S.
Librarian	...	Satishchandra Mitra, B.A.

35

Anandamohan College, Mymensingh.

AFFILIATED, 1908.

The City College, Mymensingh Branch, established in July, was being maintained by the Council of the City College Institution, Calcutta. They directed it to be closed from the end of May, 1908, and applied to the University for its disaffiliation. Hearing this state of things some representative gentlemen of Mymensingh formed themselves in May, 1908, into a Provisional College Committee for the purpose of carrying on the College under the Provisional title of "The Mymensingh College," so as to meet the requirements of the District of Mymensingh for higher education. Accordingly an application for the re-affiliation of the College under the aforesaid title was submitted by the Provisional College Committee to the University by the middle of June, 1908. The Syndicate considered this application for re-affiliation on the 23rd June, 1908 and their recommendation was subsequently confirmed by the Senate. The Registrar submitted the application and proceedings of the Syndicate and Senate through the Hon'ble the Rector of the University to Government for orders, the City College, Mymensingh Branch, having been dis-affiliated in the meantime.

The Registrar informed the Principal that the new College should, in all future official correspondence, be properly designated by its correct name "The Mymensingh College" since the Government of India have accorded their sanction to the application for affiliation of the Mymensingh College under the name of "The Anandamohan College, Mymensingh."

The College has undertaken for the present, the following courses of Instruction, (i) English, (ii) Vernacular Composition in Bengali and Urdu, (iii) Second Language, (a) Sanskrit, (b) Persian, (iv) History, (v) Logic, (vi) Mathematics, and (vii) Chemistry, up to the Intermediate standard; and (i) English, (ii) Vernacular Composition in Bengali, (iii) Second Language (a) Sanskrit, (b) Persian, (iv) History, (v) Philosophy and (vi) Economics up to B.A. Pass standard and Honours in English.

The tuition fee is charged at the rate of Rs 5-8 a month per head, except in the case of Chemistry students who have to pay Rs. 6-8 per month.

The constitution of the College Council :—

District Magistrate, *President, (Ex-officio).*

Maharaja Sasikanta Acharyyachaudhuri,

Rai Bahadur Syamacharan Ray, Pleader, *Secretary.*

Kumar Nagendrakisor Raichaudhuri

Babu Manmohan Niyogi, B.L.

Khan Bahadur Maulavi Mahomed Ismail, B.L., Public Prosecutor, and
Vice-Chairman of the District Board.

Maulavi Shahabuddin Ahmed, B.L.

Professor Nripendranath Datta, M.A.

Saratchandra Pal, M.A.

Principal, *Ex-officio.*

INSTRUCTIVE STAFF.

Principal	... Jajneswar Ghosh, M.A., Ph.D.
Professors of Chemistry	... { Tarapada Mukerjee, M.A. Rabindranath Guha, M.A.
„ of English Literature	... { Praphullakumar Guha, M.A. Bimalamohan Ganguli, M.A. Ajitnath Nandi, M.A. Sanjibkumar Chaudhuri, M.A.
Professor of Mathematics	... Radhabinod Pal, M.A.
Professors of Logic and Philosophy	... { Bidhubhushan Datta, M.A. Akshaykumar Banerjee, M.A.
Professor of Economics	... { Kumudbandhu Chakrabarti, M.A. Nripendranath Datta, M.A.
Professors of History	... { Surendrakisor Chakrabarti, M.A. Purnendukisor Chakrabarti, M.A.
„ of Sanskrit	... { Saratchandra Pal, B.A. Jatindramohan Ghosh, M.A.
„ of Persian	... { Maulavi Faizur Rahman Maulvi Abdul Hakim
Professor of Bengali	... Pandit Navakanta Guha, Kabibhushan
Demonstrators	... { Mukul Chandra Bhattacharyya, B.Sc. Satischandra Chakrabarti, B.Sc.
Laboratory Assistant	... Haripada Mandal, B.Sc.

36

Serampore College.

AFFILIATED, 1910.

Serampore College was founded in 1818, under the patronage of the Marquis of Hastings, then Governor-General of India, by the Revs. Dr. Carey, Dr. Marshman and William Ward, who together with Colonel Kretzing, the Danish Governor of Serampore, and J. C. Marshman, Esq., formed the first College Council.

The object of the College was the instruction of Indian youths, both Christian and non-Christian, in Literature and Science, and the training of selected Indian and Anglo-Indian young men for the work of the Christian Ministry.

In 1821 the College received a donation from King Frederick VI of Denmark of certain premises to the northwest of the College building and this act of liberality was followed in 1827 by the grant of a Royal Charter, giving perpetuity to the Institution and its endowments and empowering it to grant Degrees. At the cession of Serampore to the East India Company, in 1845, this charter was confirmed at the special request of the Danish Sovereign and a special clause was inserted in the treaty providing that "the rights and immunities granted to Serampore College, shall not be interfered with, but continue in force in the same manner as if they had been obtained by a charter from the British Government."

The ground on which the College stands was purchased chiefly by subscription; the entire expense of the original buildings, amounting to about £15,000, was met out of the private funds of the Serampore Missionaries, who were the first promoters of the undertaking. The Institution was crippled at the outset by the loss of the greater part of its invested funds through a series of bank failures only a few years after the granting of the charter. It was enabled to continue its work through the liberality of J. C. Marshman, Esq., but not on the scale originally contemplated. The right of conferring degrees was therefore not exercised.

On Mr. Marshman's departure from India in 1856, the College, though still legally under the control of its own Council, was placed under the general direction of the Baptist Missionary Society, which contributed the greater amount of the funds needed for its support. In the following year, 1857, Serampore was one of the first eight Colleges to be affiliated to the newly formed Calcutta University. This connection continued till 1882, when it was decided to close the Arts Department converting the College into a purely Theological Institution.

Twenty years later, the decision of the Universities Commission that it was neither practical nor expedient to make provision for a Faculty of Theology in connection with any of the existing State Universities, led the Decennial Missionary Conference, representing all Protestant Missions in India, to ask the Serampore College Council whether it would not be possible to make the Serampore Charter available for the granting of degrees in divinity. The Council advised by Dr. Howells, the present Principal, resolved to accede to this request and also to re-organise the College on the lines planned by its founders, making it capable of imparting instruction in Theology of a standard equal to that obtainable in Europe and America. With a view to providing a preliminary training in Arts for students intending to proceed to the B.D. degree and for the benefit of the Christian community and of Hindu and Musulman youth generally it was also resolved to re-open the Arts classes.

Through the generosity of the Arthington trustees the Council has been enabled to rennovate the College and to build a new Hostel, including extra quarters for the professorial staff, at a cost of about two and half lakhs of rupees. They have also made considerable progress towards the raising of a new endowment fund.

The College is affiliated up to the Bachelor of Arts in English (Pass and Honours), Bengali, Philosophy (Pass and Honours), Sanskrit (Pass and Honours), History (Pass) Political Economy and Political Philosophy (Pass), Hebrew (Pass), Syriac (Pass). In the Intermediate Arts, the College is affiliated in English, Bengali, History, Logic, Sanskrit, Mathematics, Chemistry,

Tuition fees.--Rs. 5 for Intermediate Arts (with an additional Rs. 2 for a science subject), Rs. 7-8 for Intermediate science and Rs. 7 for B.A. Classes. A few scholarships are grnted to poor and deserving studefts. An annual charge of Rs. 4 is payable to the Union Society, this including the subscription to the Athletic Clubs.

Attached to the College is a well-equipped Hostel. The Hostel establishment fee is from Rs 4-8 to Rs. 7 according to the character of the accommodation. The charge covers seat rent, use of furniture, and cost of servants, light and medical attendance. Almost all the rooms are single-seated, but there are a few double rooms, for which the fee is Rs 4 (ground floor) or Rs. 6 (first floor).

There is an additional Hostel healthily situated on the riverside under the direct supervision of the College. The establishment fee in this Hostel is Rs. 4-8 (ground floor) or Rs. 5-8 (first floor). There are no single-seated rooms in this Hostel. Another Hostel on the river-side is at present utilized for Syrian students.

The admission fee for the Hostels is Re. 1.

The normal cost of food in the Hostels is Rs 9 apart from tiffin.

The ordinary fee payable on entrance (*viz.* the admission charges, Union subscription and one month's fees) must be remitted with every formal application.

There is a large and valuable Library and considerable additions are being made to bring it up to date.

The Union Society provides opportunities for the discussion of topics of general interest and serves to promote a corporate feeling among the students of the College.

The College is under the control of a Council, of which the members who hold office for life, are appointed in accordance with the Charter and Statutes. This Council which sits in London, is at present composed of the following members:—

Rev. G. P. Gould M.A., D.D., Principal of Regent's Park College, London—Master of the College.

Dr. George Howells, Principal of the College.

Geo. B. Leechman, Esq. (Late of Ceylon).

Sir George Macalpine, LL.D.

Rev. R. F. Horton, M.A., D.D.

Rev. Cuthbert McEvoy, M.A.

Sir. Alfred Pearce-Gould, K.C.V.O.

Rev. R. C. Gillie, M.A.

Sir. Evan Spicer.

Rev. W. T. Barber, M.A., D.D.

Rev. W. Goudie.

While the College Council remains the ultimate authority, under the Serampur College Act, Bengal (1918), the Faculty controls the internal affairs of the College, and the Senate decides the qualifications for Theological Diplomas and Degrees.

The Faculty is at present composed of the following members—

Rev. Dr. George Howells, M.A., B. Litt., B.D., Ph.D.
 Rev. John Drake, M.A., B.D.
 Mr. S. C. Mukherji, M.A., B.L.
 Rev. J. N. Rawson, B.Sc., B.D.
 Rev. Father, P. T. Geevergesse, M.A.
 Rev. A. C. Underwood, M.A., B.D.
 Rev. C. G. Carpenter, M.A., B.D.
 Rev. G. H. Matthews, M.A.
 Rev. G. H. C. Angus, M.A., B.D.

The Senate is composed of the following members :—

Dr. George Howells (President and Convener).
 Rev. R. Gee, M.A.

Rev. Father W. H. G. Holmes, M.A.
 Rev. N. H. Tubbs, M.A.
 Rev. T. W. Norledge.
 Rev. J. Drake, M.A. B.D. (Registrar).
 Rev. W. E. Boggs, B.A., B.D.
 Prof. S. C. Mukerjee, M.A. B.L.
 Rev. W. G. Brockway, B.A.
 Rev. J. J. Banninga, M.A. B.D.
 Rev. Dr. L. P. Larsen, M.A., D.D.
 Rev. A. E. Brown, M.A.
 Rev. Principal L.A. Core, D.D.
 Rev. Dr. J. Watt, M.A., D.D.
 Rev. H. C. Velte, M.A.
 Prof. J. R. Banerjee, M.A., B.L.
 Rev. Father P.T. Geevergesse, M.A.
 The Right Rev. Abraham Mar Thoma, M.A., B.D.

ARTS DEPARTMENT STAFF.

Rav. G. Howells, M.A., B.D., B.Litt., Ph.D., Principal and Professor of English.
 Rev. J. Drake B.A., B.D, Vice-Principal and Professor of Philosophy and Hebrew.
 Mr. S. C. Mukerji, M.A., B.L., Professor of English.
 Rev. J. N. Rawson, B.Sc., B.D., Professor of Philosophy and English.
 Rev. Father, P. T. Geevergesse, M.A., Professor of Syriac.
 Rev. A. C. Underwood, M.A. B.D., Professor of English.
 Rev. G. H. Matthews, M.A., Professor of Philosophy and English.
 Rev. G. H. C. Angus, M.A. Professor of English and Hebrew.
 Mr. J. N. Chakravarti M.A., Lecturer in English.
 Mr. D. N. Ghoshal, M.A., Lecturer in Logic and Philosophy.
 Mr. H. P. Sengupta, M.A., Lecturer in Sanskrit.
 Mr. A. K. Bhattacharyya, M.A. Lecturer in Sanskrit.
 Mr. N. N. Mukherji, M.A., Lecturer in History,
 Mr. H. N. Gupta, M.Sc., Lecturer in Chemistry.
 Mr. K. K. Mukherji, M.Sc., Lecturer in Mathematics.

AFFILIATED INSTITUTIONS

Mr. A. C. Raichaudhuri, M.A., Lecturer in History and Examiner of Exercises in English.

Mr. B. B. Das Gupta, M.A., Lecturer in Economics.

Pandit Panchanan Bhattacharyya, Kavyatirtha, Vidyavinod, Tutor in Sanskrit and Bengali.

Mr. K. B. Banerji, B.Sc., Demonstrator.

SECRETARY OF THE DEPARTMENT.

Prof. S. C. Mukherji, M.A., B.L.

BURSAR.

Rev. G. H. C. Angus, M.A., B.D.

HOSTEL SUPERINTENDENTS.

Rev. J. N. Rawson, B.Sc., B.D.

Rev. G. H. Matthews, M.A.

LIBRARIAN

Rev. J. Drake, M.A., B.D.

ASSISTANT LIBRARIAN.

Mr. K. R. Ghosh.

HEAD CLERK.

Mr. M. C. Paul.

37

South Suburban College, Bhowanipore.

AFFILIATED, 1916.

This College was started in 1916 at the instance of the authorities of the South Suburban School, a flourishing institution of Bhowanipur which had been founded in 1874 by the local public with the object of promoting the growth and spread of higher education in the south suburban areas of Calcutta. The immediate occasion which led to the development of the school into a college was the abolition of the University Departments, both on the Arts and Science sides, by the two existing Colleges in and near Bhowanipur, namely, the L.M.S. Institution and the Bishop's College. That there was room for a first grade college here was abundantly clear from the very beginning, but partly from financial and partly from other considerations, the authorities of the South Suburban School were anxious to move cautiously, and they, therefore, applied in the first instance for affiliation up to the Intermediate standard only. They had great difficulty, however, in persuading the Government of India that second grade colleges did fulfil a definite function in the educational machinery of the country, and that it was a mistake to suppose that the view of the Indian Universities Commission of 1904 condemning the affiliation of such colleges had been endorsed in its entirety by the Government of India at the time. The result of the protracted correspondence on the subject was to delay the affiliation of the College, which was obtained with effect from the commencement of the session 1916-17, although application for it had been made early in 1915.

Affiliation was granted up to the Intermediate standard in Arts and Science in the following subjects, as asked for:—English, Vernacular Composition, Sanskrit Logic, History, Mathematics and Botany. The College was started in a fine two-storied building at 26, Lansdowne Road in one of the best quarters of Bhowanipur with over 250 students on the rolls, but the very next year it became necessary to remove it to more spacious and more conveniently situated premises at No. 147, Russa Road South, where it is at present located and where there was accommodation for nearly 700 students. In October, 1917, the College authorities applied for extension of the affiliation up to the B.A. Pass standard in a few selected subjects, namely, in English, Vernacular Composition, Sanskrit, Mental and Moral Philosophy, History, Political Economy and Political Philosophy, and Mathematics, and this was granted with effect from the commencement of the session 1918-19. During session 1919-20 accommodation was enlarged to suit the requirements of about 825 Students.

Both the School and the College are under a General Committee, composed of 50 representatives of the local public, who constitute the ultimate controlling authority over the whole institution in financial matters. The actual management of the College is vested in a Governing Body which is quite distinct from the Managing Committee of the school, and consists of 11 members who are annually elected by the General Committee except that the Principal and another representative of the teaching staff are members *ex-officio*.

A special feature of the College is that in no section is the number of students allowed to exceed 75: in several subjects the number is in fact much smaller, the object aimed at being to ensure individual attention to every student as far as practicable. Copious provision is also made for tutorial work in every subject in small batches, as well as for frequent exercises and examinations. The College Council, consisting of all the Professors on the staff, has recently introduced a system under which each Professor is placed in charge of, and made responsible for, a specified number of students, who are required to look up to him on all matters, both in and outside the College, for help, guidance and advice.

There is a Debating Club and an Athletic Club, each under the personal supervision of one or more Professors, which are very popular among the students.

A large percentage of the students reading in the College live in the locality with their fathers or natural guardians. For those that do not do so, provision is made in Attached Messes or Hostels under the supervision of members of the staff. The seat rents are charged according to the scale fixed by the University under the Calcutta Messing Scheme. The College has a Special Officer for inspecting the residences of students.

The College fees are as follows:—

Admission Fees Rupees Six: Tuition fee Rupees Six per month: Laboratory Fee (for Botany students only) Re. 1 per month. Punkha Fee Rupees Two and Athletic Fee Rupee One for the session. Liberal provision is made for free and half-free studentships for deserving candidates. A fair number of College scholarships of Rs. 6 a month are also awarded every year on the results of a College Test.

The College possesses a fairly good Library (worth over 10,000, Rupees) of which free use is made by the students. Constant additions are being made to the stock of books.

AFFILIATED INSTITUTIONS

Governing Body for 1919-20.

PRESIDENT :

The Hon. Justice Sir Asutosh Mookerjee, Kt., C.S.I., *Vice-Chancellor, Calcutta University (1906-14).*

VICE-PRESIDENT :

Babu Dwarkanath Chakravarti, M.A., B.L., *Vakil, High Court.*

SECRETARY :

Babu Charuchandra Biswas, M.A., B.L., *Vakil, High Court, Member of the Senate and the Syndicate, Calcutta University.*

JOINT SECRETARY.

Babu Framathanath Banerjee, M.A., B.L., *Lecturer in the Postgraduate Department of History & Economics; Member of the Senate and the Syndicate Calcutta University.*

MEMBERS.

The Hon. Mr. Provaschandra Mitter, M.A., B.L., *Vakil High Court.*

Babu Birajmohan Mojumdar, M.A., B.L., *Vakil High Court, Vice-Principal, University Law College, Member of the Senate and the Syndicate, Calcutta University.*

Mr. R. H. M. Rustomjee.

Mr. M. N. Basu, M.A., *Barrister-at-Law.*

Dr. Romeschandra Majumdar, M.A., Ph.D.

Babu Panchanan Sinha, M.A., B.L., *Principal & Asst. Secy.*

Professor Jageshchandra Chakravarti, M.A.

PRINCIPAL :

Babu Panchanan Sinha, M.A., [Eng., Econ., Hist. (Class I)]

PROFESSORS OF ENGLISH.

1. Prof. Someswarprasad Mukerjee, M.A.
2. " Chandicharan Mitra, M.A.
3. " Nripeshchandra Guha, M.A. (Class II) and Hist. & Phils.
4. " Maheshchandra Chatterjee, M.A. (Class I., Allahabad)
5. " Nripendranath Ghosh, M.A.
6. " Bibhutibhushan Ghoshal, M.A. (Class II)

PROFESSORS OF SANSKRIT.

1. Prof. Sivadas Banerjee, M.A.
2. Prof. Kshitishchandra Chatterjee, (Class I.)
3. " Sachindranath Banerjee, B.A.

PROFESSORS OF PHILOSOPHY & LOGIC.

1. Prof. Kalidas Sen, M.A.
2. " Harimohan Bhattacharyya, Kabyatirtha, M.A. (Sans & Philo.)
3. " Bejoygopal Sarkar, M.A.

PROFESSORS OF MATHEMATICS.

1. Prof Gangadas Mookerjee, M.Sc. [Class I (Pure)]
2. " Bhupendrachandra Das, M.Sc., [Class I, Gold Medallist (Mixed)]

PROFESSORS OF HISTORY.

1. Prof. Jageschandra Chakravarti, M.A.
2. „ Amalkumar Ray Chowdhury, M.A.

PROFESSORS OF ECONOMICS.

1. The Principal.
2. Vacant.

PROFESSORS OF BOTANY.

1. Prof. N. Chakrabarty, B.A. (Cal.) B.Sc. (Ohio)
2. „ Murarimohan Ray Chowdhury, M.Sc.

DEMONSTRATOR.

Babu Gurudas Datta, B.A

LIBRARIAN.

Babu Hirankumar Ray Chowdhury, B.A.

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Carmichael College, Rangpur

AFFILIATED, 1917.

The College was started in July, 1917, and is the result of the earnest efforts of the residents of this district to remove a long-felt want. A scheme for the establishment of a college had originated as early as 1913, but it was not till 1914 that active steps were taken to carry it out. A Committee of the local representative gentlemen met under the Presidency of Mr. J. N. Gupta, M.A., I.C.S., the then District Magistrate, the scheme took definite shape. By March, 1917, donations to the extent of about 7½ lacs had been raised. An application to the University was then made for affiliation of the proposed college up to the B.A. standard, which was subsequently obtained.

The College occupied the new building in July, 1918. It is situated on a plot of ground measuring over 900 bighas of land, on the outskirts of the town and away from all contaminating influences. There are three boarding houses for Hindu and two for Mahomedan students accommodating 300, boarders and the Principal and staff of the college have been provided with quarters in the college compound, the idea being to develop it eventually into an entirely residential institution.

The College buildings are among the finest in Bengal. From the funds subscribed over two lacs have been invested in War Loan. Among the principal single donors may be mentioned the names of Raja Bahadur Gopal lal Ray of Tajhat (Rs. 1,00,000), Rai Annadamohan Raychaudhuri, Bahadur, of Tepa, (Rs. 1,00,000), and the Hon'ble Maharaja Sir Manindrachandra Nandi, Bahadur, K.C.I.E., (Rs. 50,000).

In February, 1918, His Excellency the Earl of Ronaldshay, Governor of Bengal, declared the new buildings, open, spoke of the College scheme with the warmest approval, and announced a Government grant of 50,000. of rupees towards land acquisition and capital expenditure on buildings to which another (Rs. 40,000), was afterwards added,

The College is under the management of a Governing Body with the District Magistrate as President. Mr. J. N. Gupta, the late Collector—to whose strenuous efforts the college owes its existence—as well as Raja Bahadur Gopal Lal Ray of Tajhat and Rai Annadamohan Raichaudhuri Bahadur, of Tepa, in consideration of their generous contributions, are life members of the Governing Body.

The College is affiliated to the University up to the B.A. Pass standard in English, Vernacular Composition (Bengali and Urdu), Sanskrit (Pass and Honours) Arabic, Persian, Mathematics, History, Political Economy and Political Philosophy, and Moral and Mental Philosophy. In Intermediate Arts it is affiliated in English, Vernacular Composition (Bengali and Urdu), Sanskrit, Arabic, Persian, Mathematics, History and Logic. Affiliation has been further extended to the B.A. Honours standard in English, Philosophy and Mathematics.

The tuition fee is Rs. 5 per mensem; the seat rent charged from the hostel students is Rs. 3 for the upper storey and Rs. 2 for the lower storey.

TEACHING STAFF.

Principal & Professor of English	...	1. Rev. Charles H. Watkins, B.A. (Oxon.) M.A. (London). D. Theol. (Heidelberg)
Professors of English	...	2. Upendrachandra Nag, M.A.
	...	3. Sureshchandra Duttgupta, M.A.
	...	4. Hridayranjan Lahiri, M.A.
	...	5. Sudhanshukumar Sengupta, M.A.
" " Mathematics	...	6. Charuchandra Ghosh, M.Sc., B.L.
	...	7. Basantakumar Sinha Roy, M.Sc.
" " History	...	8. Indubhusan Mukherjee, M.Sc.
	...	9. Harendrachandra Chanda, M.A.
" " Philosophy & Logic	...	10. Arunchandra Sen, M.A.
	...	11. Birendrachandra Mukerjee, M.A.
" " Sanskrit & Bengali	...	12. Gaurgobinda Gupta, M.A.
	...	13. Atulchandra Sen, M.A.
" " Economics	...	14. Sasibhushan Bhattacharyya, M.A.
	...	15. Bimalanath Bhattacharyya, M.A.
" " Arabic & Persian	...	16. Kshetreschandra Chatterjee, M.A.
	...	17. Aswinikumar Dasgupta, M.A.
		18. Moulvi H. M. Amjad Hossain, M.A. (Allahabad).
		19. Maulvi Mahammad Hossain.

Bagerhat College, (Khulna).

AFFILIATED, 1918.

This College owes its origin to the energetic efforts of the promoters of the *Haveli Pargana Social Reunion*, an organisation for the advancement of education, sanitation, and social reforms in the Pargana. It is backed by the entire Subdivision of Bagerhat and supported by a Board of Trustees numbering eighty nine, all influential and representative men of the Sub-division.

It is situated on a healthy rural site consisting of a big maidan facing the Khulna-Bagerhat Railway line and a streamlet flowing close behind.

It is affiliated up to the I.A. standard in English, Vernacular Composition Sanskrit, Persian, Mathematics, History and Logic. It has Hostel accommodation for both Hindu and Mahomedan students.

The College fee is Rs. 4 a month

The Governing Body of the College consists of the following members :

1. Sir P. C. Ray, Kt, C.I.E., D.Sc., Ph.D., F.C.S., F.A.S.B.,—*President*.
2. Babu Gopendrakumar Ghosh Chowdhury, B.A.—*Sub-Divisional Officer - Vice-President*
3. " Gopalchandra Biswas, B.L.,—*Secretary*.
4. " Suklal Nag Majumdar.
5. " Hemchandra Raychaudhuri,—*Zemindar*.
6. " Sreeshchandra Mukherji, B.L.
7. " Rajendrakumar Nag Majumdar.
8. " Abanimohan Raychowdhury.
9. " Mahendranath Biswas,—*Zemindar*.
10. Maulvi Syad Sultanali (Pleader)
11. Babu Chandrakanta Das.
12. Babu Upendragopal Biswas, B.L.
13. " Bishwambhar Nandi, B.L.
14. " Benimadhub Gangopadhyaya.
15. " Mathuranath Haldar, B.L.
16. " Ashwinikumar Day.
17. " Benimadhab Haldar.
18. " Kamakhyacharan Nag, M.A.,—*Principal*
19. " Nepalchandra Ray, M.Sc.,—*Professor*.

INSTRUCTIVE STAFF

Principal and Professor of English	... Kamakhyacharan Nag, M.A.
Lecturer in English	... Girijakanta Majumdar M.A.
Professor of Mathematics	... Nepalchandra Ray, M.Sc.
Professor of History	... { Janardanprasad Mukherji, M.A. (on leave).
	... { Harendrakumar Chakrovarti, M.A. (officiating).
Professor of Logic	... Panchanan Sarkar, M.A.
Professor of Sanskrit	... Sureschandra Bhattacheryya, Vidyanidhi, M.A.
Professor of Persian	... Maulvi Mahomed Fazal Haque.
Superintendents	... { Prasannakumar Ray, B.A.
	... { Radhacharan Chatterjee.
Medical Officer	... Jatindranath Bandyopadhyaya, M.B.

The College was established in July, 1918, and has been named after the late Babu Rajendrachandra Raychoudhury, the Zamindar of Baishrashi, whose public-spirited and enlightened son and heir, Babu Rameshchandra Raychoudhury by his munificent donation of Rs. 50,000 has made the institution an accomplished

fact. Rs. 30,000 more have been raised by subscription and donation. Among the chief minor donors the following names may be mentioned :

	Rs.
The Hon'ble Maharaja Sir Manindrachandra Nandi Bahadur ...	2,000
Babu Prafullanath Tagore ...	2,500
The Hon'ble Kumar Arunchandra Sinha ...	2,000

Babu Tarapasanna Bhattacharjee Choudhury has promised Rs 5,000 for the College Library and Babu Prafullanath Tagore has contributed to the library about 700 books.

The College is well calculated to supply an educational desideratum of the district of Faridpur, so long without, an outlet for the multitude of matriculates turned out year after year from the large number of High Schools it contains, and from the number of students admitted to begin with, the presumption is inevitable that a great future lies before it, for it is bound to expand considerably in all possible directions.

The total area of the College ground is 5.55 acres or 17 bighas approximately, which have been conveyed by the Government in permanent lease at a nominal rent of Re. 1 per annum for which the Faridpur public is particularly grateful to His Excellency Lord Ronaldshay and the Rt. Hon'ble Lord Sinha as also to Mr. J. G. Dunlop, I.C.S., the then Collector of the District who was kind enough to move in the matter. About 3 bighas of this land are now occupied by the Hostel buildings in which the classes were held in 1918. The new College Building with accommodation for a maximum number of 500 students is now complete. Close by, there is another commodious building which has been purchased by the College authorities and which is intended to be used as a meeting-hall, an examination-hall or a laboratory, as the case may be. A plot of land has been set apart for games and sports. In short, the College has every possibility of developing into a fully equipped first grade residential institution.

The site of the College is an ideal one. It is at one end of the town, far from din and tumult, open in all directions, accessible by streets and it faces an enormous lake which fades away in the distant horizon.

The College is under the management of a Governing Body presided over by the Hon'ble Babu Ambikacharan Mazumdar, M.A., B.L., the Grand Old Man of East Bengal, one of the foremost leaders of the country, to whose indefatigable endeavour and strenuous exertions the College mainly owes its existence and whose connection with it is a guarantee for its steady expansion and progress.

The College has a Literary Club or a Debating Society and also a Mutual Aid Society—institutions which bring the students and professors together foster a healthy, corporate life and afford opportunities for co-operation and fellow-feeling the educative value of which it is impossible to exaggerate. The College has also an Athletic Club.

The College is affiliated to the University up to the I.A. standard in English, Vernacular Composition, Sanskrit, Mathematics, History, Logic, Persian and Arabic.

The tuition fee is Rs. 4 per mensem. There is provision for eleven free-studentships

The sum of Rs. 800 has been deposited by Babu Surendrakumar Ray, B.L. Pleader of Faridpur, for the establishment of another free-studentship to be called the "Swarnamayee free-studentship."

INSTRUCTIVE STAFF.

Principal and Professor of English	...	Babu Kamakhyanath Mitra, M.A., B.L.
Professor of Logic, Tutor of English	...	„ Srishchandra Sen, M.A.
Professor of Mathematics	...	„ Debendrachandra Dôttâ, B.A. M.Sc.
Professors of Sanskrit and Bengali	... {	„ Dineshchandra Mazumdar, M.A. Pandit Chandrakanta Nayalankar
Professor of History	...	Babu Sisirkumar Acharjee, M.A.
Professor and Tutor of English	...	„ Pramathabhushan Mukherjee, M.A.
Professor of Arabic and Persian	...	Maulvi Mahammad Mohsin (Final Madrasah).

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David Hare Training College, Calcutta.

AFFILIATED, 1908.

The David Hare Training College was opened on July 1, 1908, by the Government of Bengal, to train teachers for the Secondary Schools of the Province.

It is affiliated to the University of Calcutta up to the Bachelor of Teaching standard, and prepares students for the L.T. and B.T. Examinations.

Students who have passed the B.A. or B.Sc. Examination and the Intermediate Examination are eligible for admission to the College.

At the present time, the number of students-in-training is fifty. They come from Government, Aided and Private Institutions, and include Deputy Inspectors, Sub-Inspectors, Head Masters and Assistant Masters of Schools, and those who are engaged or intend to be engaged in the work of education but who are not in the employ of Government or members of the staff of aided schools and are not more than thirty years of age.

There are no admission and tuition fees. Teachers from Government Institutions continue to receive their salaries during their period of deputation. Those who come from Aided High Schools receive an allowance equivalent to three quarters of their salary up to a maximum of Rs. 50 per month. Several stipends of Rs. 20 each are awarded per month to private students on certain conditions.

The course is of one year's duration. It includes both theoretical and practical teaching.

The practical teaching is carried on in the Hare, the Hindu and the Sanskrit Collegiate Schools. Each student-in-training gives sets of lessons in the ordinary school subjects under the supervision of the staff.

There is a Hostel attached to the College accommodating twenty-five boarders and it is under the direct control of the Principal. One of the Professors hold the post of Superintendent and resides in the buildings. Five rent-free seats are reserved for the Mahomedan students of the College in the Carmichael Hostel.

GOVERNING BODY.

The Principal, Presidency College, Calcutta, *President*
 The Assistant Director of Public Instruction, Bengal
 The Inspector of Schools, Presidency Division
 The Inspector of Schools, Burdwan Division
 J. W. Holme, Esq. Professor, Presidency College, Calcutta
 The Principal, David Hare Training College, *Secretary*

INSTRUCTIVE STAFF.

Offg. Principal and Professor of History of Education.	Babu Chintaharan Chakravarti, M.A. B.T.
Professor of Method	... Babu Binaybhushan Sarkar, B.A., B.T. (Offg.)
Professor of English and Educational Classics and Master of Method.	Babu Satyendranath Gupta, B.A., B.T. (Offg.)
Professor of Psychology and Master of Method.	Babu Banabilas Ray, M.A., B.T.
Professor of Geography and Master of Method.	Babu Gangacharan Dasgupta, B.A., B.T.
Visiting Drawing Master	... Babu Purnachandra Ghosh.
Visiting Drill Master	... Babu Nagendranath Ghosh.

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Dacca Training College.

1. Opening—The Training College at Dacca was founded by Government and opened for the first time on July 5, 1910.

2. Premises—The main building was constructed in 1904 by the Government of Bengal and is a fine two-storeyed erection in red brick situated in Armenitola. The lower part of this building accommodates a Government High English School of about 240 boys and forms the practising School for the College. The upper storey is divided into four large and four smaller rooms and these are used for College class, lecture and staff rooms, a Laboratory, for Nature Study and Elementary Science and for the Office and Library. One of the larger rooms has now been divided, the smaller part being used for an Office. This has set free the old office for use as class room. The Library is now vacated for class purposes except for occasional tutorial work. The College and the hostels have been furnished with electric lights and the former with fans.

There are two hostels one for Hindus and the other for Mahomedans which, together accommodate up to sixtyfour students. The necessary offices and bathing places are also provided. The old buildings of the temporary Government School Hostel have been demolished and the whole ground levelled to make a fairly large play-ground for the boys in front of school. There is a separate play-ground for the College students, but it is unfortunately not quite large enough for full-sized field for the usual games.

3. Staff.—Offg. Principal, H. A. Stark, B.A.; Off. Vice-Principal, Manoranjan Mitra, B.A., B.T. (Calcutta); Professor, Abdur Rahman Khan, M.A., B.T. (Calcutta); Offg. Professor, Nagendranath Majumdar, M.A., B.T. (Calcutta); Lecturer, Prasannakumar Deb, M.A., B.T.; Lecturer, Aswinikumar Datta, M.Sc., B.T. (Calcutta); Drill Master, Krishnakishore Ganguly; Drawing Master Saratchandra Chatterjee.

The Drill and the Drawing Instructors also work in Practising School, the former being in charge of the games of both institutions.

4. Curriculum.—The courses of study prescribed by the University of Calcutta for the Degree of Bachelor of Teaching and the Diploma of Licentiate in Teaching are generally followed. The courses for L.T. and for B.T. extend over one academic year. There is a special course in physical exercise followed by a departmental test.

5. Students.—The students are recruited from (a) Government service (inspecting officers and teachers), (b) Aided and Board Schools, (c) The general public with the necessary qualifications.

The allowances are to (a) students their full salaries; to (b) students twenty rupees a month. A special grant-in-aid is made to (c) school to enable them to send their teachers to be trained.

New candidates (a) must be not more than thirty and others not more than thirty five years of age.

6 Entrance qualification :—The minimum qualification for the B. T. course is that of a Graduate, and for the L. T. course that of an Intermediate pass in Arts or Science.

GOVERNORS.

7.
The Governing Body consists of —

- (1) The Commissioner of Dacca Division.
- (2) The Inspector of Schools, Dacca Division.
- (3) The Principal of Dacca College.
- (4) do of Jagannath College.
- (5) do of the Training College, Dacca.
- (6) The Vice-Principal of the Training College, Dacca.
- (7) Shamsul-Ulama Abu Nasr Md Waheed, M A., Principal, Dacca Madrassah.
- (8) Library :—The Library has made considerable advance in the year.

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Loreto House, calcutta.

AFFILIATED, 1913.

This Institution was established under the direction of the Sisters of Loreto in 1842.

It includes four departments, *vis.*, a College Department, a Teacher's Training Department, a School Department and Kindergarten Department conducted according to the principles laid down by the National Froebel Union for Kindergarten Teachers

The practical teaching required in the Teacher's Training Department is carried on in the School of Loreto House. Each student-in-training gives sets of lessons in the ordinary school subjects under the supervision of the staff.

The Institution has been connected with the Calcutta University since 1889 and is now affiliated up to the I.A. and L.T. standards. The following are the subjects in which affiliation has been granted.—English, French, History, Mathematics and Botany.

The College is under the direction of a Governing Body consisting of—

Principal	... The Provincial Superioress of the Loreto Nuns in India.
Vice-Principal	... The Superioress of Loreto House.

INSTRUCTIVE STAFF.

Professor of English	... Mother Joseph, M.A.
Professor of French	... Mother Baptist, B.A.
Professor of Botany and Mistress of Method.	Mother Dolores, B.A., B.T.
Professor of History	... Mother Agatha, B.A.
Professor of English	... Miss d Eca, B.A., Teacher's Diploma Dow Hill.
Professor of Mathematics	... Haranchandra Pal, B.Sc.

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Earle Law College, Gauhati.

AFFILIATED, 1914.

This College was affiliated in 1914, as a Government Institution. The then Chief Commissioner (Sir Archdale Earle) after whom the College has been named, formally opened it in its present site on the eastern bank of the Dighi Pukhri. The college has a hostel attached to it for a limited number of students and has a Common Room, College union, etc. and an up-to-date Library with a complete set of original English Law Reports purchased from the special grants made by Sir Archdale Earle.

"Goonabhiram Borooah Medal"—A medal, is awarded each year to the most successful student from this college in the summer final examination in Law.

The College has a Governing Body consisting of the following gentlemen:—

1. The Hon'ble Mr. W. J. Reid, C.S.I., J.P., Commissioner, Assam Valley Division *President.*
2. The Hon'ble Mr. A. Mellor, Judge, A. V. Districts ... *Vice-President.*
3. J. Borooah, Esq., Barrister-at-Law, Principal of the College *Secretary.*
4. D. E. Roberts, Esq., M.Sc., Offg. Principal, Cotton College
5. Rai Kalicharan Sen, Bahadur, B.L. Govt. Pleader ..
6. T. R. Phookun Esq., Barrister-at-Law ... }

Members.

INSTRUCTIVE STAFF.

PRINCIPAL	...	Jnanadabhiram Borooah, Esq., Barrister-at-Law.
		T. R. Phookun Esq., Barrister-at-Law.
PROFESSORS	...	Satyanath Bara, Esq., B.L.
		A. E. Brown, Esq., M.A., L.L.B., Barrister-at-Law.
		(on deputation)
LIBRARIAN	...	Srijut Muktaadhar Sarma

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Medical College of Bengal.

N. B.—The scale of fees as given in this Prospectus is payable by students admitted to the College from the beginning of the session 1916-17 and will not apply to old students who will continue to pay the existing rate of fees.

RULES FOR THE GUIDANCE OF STUDENTS SEEKING ADMISSION.

1. Three classes of students are admitted for study in the College—

(a) "Regular," or those who enter for the full University Course.

The admission to this class is restricted to students (Male and female) who are natives of, or whose parents are domiciled in, the area within the territorial limits of the Calcutta University, and the Province of Behar and Orissa.

(b) "Casual," or those who enter for selected or isolated subjects.

(c) "Military Class" (only students of European or Eurasian parentage are admitted to this class). (See separate prospectus for Military students).

The admission to this class is regulated by the Director-General, Indian Medical Service.

2. The minimum preliminary qualification for admission to the—

(a) "Regular Class" is the I.Sc. Pass Certificate of the Calcutta University.

N B.—This rule does not apply to female students.

(b) "Casual"—The Matriculation or Entrance Pass Certificate of the Calcutta or other Indian Universities, or the pass certificate of an examination equivalent to the Matriculation or Entrance Examination.

3. The session commences on the 15th June.

4. All new students must apply for admission to the Principal, Medical College, Calcutta, in the prescribed form available in his office before the 25th May, except in the case of Bihari, Uriya, Chota Nagpuri and Assamese students, who should apply to the Inspector-General of Civil Hospital of their respective Provinces for admission within such date as the latter may prescribe.

Selected candidates must pay the following fees on or before the 10th June failing which their names will be struck off the selected list:—

Admission fee	...	...	20	0
Fees for Summer term	...	...	62	8
Athletic Club fee	...	...	1	0
Total	...	...	83	8

5. The number of regular students to be admitted each year is generally 120, but the Principal, may, at his discretion, increase or decrease this number. Preference for admission will usually be given to candidates who have superior qualifications, but the final selection lies entirely with the Principal.

One-fourth of the total number to be admitted shall be Mahomedans, Twelve candidates will be nominated by the Inspector-General of Civil Hospitals of Bihar and Orissa and six candidates by the Inspector-General of Civil Hospitals of Assam. These candidates must possess the qualifications mentioned in rule 2(a). In addition, the Bihar and Orissa Government will nominate six scholars, who after 1918, must possess the I.Sc. Pass Certificates. These nominations must reach the Principal, Medical College, Calcutta, before the 10th June in each year failing which the Principal will fill up vacancies with local candidates.

6. Female students of Bengal, Bihar and Orissa, Assam and Burma belonging to the Calcutta University will be admitted to the College provided they possess the requisite preliminary qualification and provided there is a vacancy in the Surnomoyee Hostel in which all female students must reside.

7. Failed students must apply for admission and pay fees before the 15th May, otherwise their prior claim lapses.

8. All Regular students must pay an annual fee of Rs. 125 in two instalments, *viz.*, Rs. 62-8 for the Summer term and Rs. 62-8 for the Winter term. Fees once paid cannot be refunded.

9. The fees for each term are to be paid in one instalment. Except in the case of new students, the fees for Summer term are due on the 15th June, and those for the Winter term on the 1st November, and must be paid on those dates or on such subsequent dates as the Principal may direct, after which a daily fine of annas 4 will be levied along with the fee in each case of default.

10. All Regular students excepting the female students must pay an annual fee of Re. 1 to the Medical College Athletic Club along with fees for the Summer term.

11. Students relegated to a further course of study after their failure at the Preliminary Scientific M.B. and at the First M.B. Examinations shall pay Rs. 80 for the whole session in one instalment by the 1st June.

12. Students taking up subjects outside the curriculum of the year in which they are studying shall pay Rs. 30 for each such subject including lectures and practical classes.

13. The fees for Casual students or for Certificates issued to Regular students leaving the College before completing their study or for those issued to Military students shall be Rs. 40 per each course of lectures and practical classes and Rs. 30 for every three months of Hospital Practice.

14. Students who fail at the Final M.B. Examination shall pay fees for the whole session at the following rates in one instalment by the 1st June :—

	Rs.
For one subject	25
„ two subjects	50
„ three or more subject	75

15. In calculating the sum to be paid under the Rule 12 by a Regular student, the amount of College fees paid by him or in the case of a student enjoying a stipendiary scholarship and free tuition, the amount which would have been paid by him, had he been a paying student, shall be deducted.

16. The fees payable by a Muhammadan student requiring certificates in the same way will be calculated on the same principle, *i.e.*, he will be allowed a deduction for the full annual fee, half of which has been paid by himself and half by the Mohsin Fund.

17. Students of the Military class requiring certificates in the same way will be required to pay the rate of fees laid down in paragraph 12 for the full curriculum or for such portion as they have attended. No deduction will be made in this case as they are not free students in the sense in which that term is defined in Bengal Government Resolution (Education) No. 601 of the 7th December, 1880.

18. The fee for Post-Graduates undergoing a course of training in the Pathological, Bacteriological, Physiological or Chemical Laboratory is Rs. 90 for a period not exceeding six months.

19. Holders of scholarships, awarded by the Government of Bengal, are not required to pay the annual fee of Rs. 125 for the year in which they hold such scholarships. All holders of other scholarships, whether granted by other Local Government, Local Bodies, or Dufferin Fund, shall pay the same fees as regular students.

20. The following are the curricula of the College:—

Regular students:—

1st-year Class.

Physics, Chemistry, Botany, Zoology and Practical classes in all these subjects, to be followed by Preliminary Scientific M.B. Examination of the Calcutta University and the Scholarship and Medical Examination of the College.

2nd-year Class.

Anatomy, Physiology, Materia Medica, Practical Pharmacy and Dissections to be followed by Examinations for award of College scholarships.

3rd-year Class.

Anatomy, Physiology, Materia Medica, Organic Chemistry, Dissections, and Practical classes in Physiology and Organic Chemistry, to be followed by Honour Examination of the College in the above subjects for scholarships medals and certificate of Honour of the College and by the First M.B. Examination of the Calcutta University.

4th-year Class.

Medicine, Surgery, Midwifery, Pathology, Medical Jurisprudence, Hygiene Dental Surgery, Hospital Practice (12 months), Clinical Methods and 20 Demonstrations, Practical Surgery and Bandaging and 30 Demonstrations, to be followed by a special Examination in Pathology and Midwifery for the selection of Class assistants.

5th-year Class.

Medicine, Surgery, Midwifery, Hygiene, Ophthalmic Surgery, Operative Surgery, Mental Disease, Practical Pathology and Bacteriology, Practical Midwifery, and 20 Demonstrations, Hospital Practice (12 months), to be followed by Honour Examination of the College in all the subjects for the award of medals and certificates of Honour.

6th-year Class.

Hospital Practice (12 months), to be followed by the Final M.B. Examination.

21. The following are the scholarships and rewards obtainable by students:—

(a) Ten College scholarships of Rs. 12 each, tenable for one year, together with free tuition are awarded to ten students on the results of the

Scholarship Examination at the end of the First-year Class, provided such students also pass the Preliminary Scientific M. B. Examination of the Calcutta University at the first attempt.

- (b) Ten College scholarships of Rs. 12 each, tenable for one year, together with free tuition, are awarded to ten students on the results of the Second-year's Scholarship Examination.
- (c) Ten scholarships of Rs. 12 each, tenable for three years, together with free tuition, are awarded to ten students on the results of the Honour Examination of the Third-year Class, provided such students also pass the First M. B. Examination of the Calcutta University at the first attempt.
- (d) Six Government scholarship (one for each year) of the value of Rs. 25 each, will be awarded to the female students of the regular class who do not get the Dufferin or other Scholarships.

(e) Special scholarships for Bihari and Uriya students --

Six scholarships of Rs. 12 each to six students from Bihar and Orissa, tenable for six years from the date on which the students enter the College, are awarded by the Inspector-General of Civil Hospitals of Bihar and Orissa.

(f) Mohsin Scholarships :—Six stipends of Rs. 15 each tenable in the Medical College, Calcutta, two of which tenable for one year only will be awarded by the Director of Public Instruction, Bengal, on the result of the I.A. and I.Sc. Examinations of the Calcutta University and of the remaining four, two tenable for two years each, will be awarded annually on the result of the Pr. Sc. M. B. Examination and the remaining two tenable for 3 years each will be awarded on the result of the First M. B. Examination to Bengali Mahomedans of indigent circumstances.

(g) A limited number of scholarships will be granted to Mahomedan students of straitened circumstances who must prove to the satisfaction of the Principal that they are too poor to pay the college fees.

22. If on account of the death, resignation or dismissal of any College scholar, a scholarship falls vacant, such scholarship will be awarded to the next best student in the list of the last Scholarship Examination, or to such other student as the Principal may consider fit.

23. Holders of the College Scholarships, any other Government Scholarships or Trust Fund Scholarships administered by Government, are not eligible for the Durga Charan Laha Scholarship. Similarly, a student already holding a scholarship, either on the result of the University Examination or granted by any other Government, is not eligible to compete for the College Scholarships.

24. Regular students, who at any time are referred, for a second year of study in all the subjects of one curriculum, are thereby rendered ineligible for any of the stipendiary scholarships awarded by the Government of Bengal for them. They are however, eligible for the special scholarships and class prizes and medals and Certificates of Honour of the College.

25. Certificates of Honour, to the number of three in each subject, may be awarded by the Professors, subject to the sanction of the Principal, to such students who have not obtained the medal, but are deemed worthy of it.

26. The following is the list of prizes and special scholarships :—

Name of Reward.	Subject.	To whom open.	Condition of grant.	When awarded.	Value.	Tenure.
1	2	3	4	5	6	7
Goodeve Scholarship	Midwifery	Regular students of fourth year's curriculum who are <i>bona fide</i> Natives of India of Hindu or Muhammadan parentage.	On the result of the Special Examination in Midwifery.	At the end of fourth year.	Rs. A. 12 0 per month	One year.
F. G. Chatterjee Scholarship.	Histology.	Regular students of Native Indian extraction.	(a) The best in Histology, Normal and Morbid, at the end of Fourth-year. (b) Good conduct.	Annually in June.	15 0 per month.	Ditto.*
Abdul Gunny Scholarship.	...	Regular students.	The best in all subjects at the College examinations of the First to Fourth-years, inclusive.	Annually in May.	22 0 per month.	Ditto.
Prosecutor's Prize	Anatomy.	Ditto	The best student in Anatomy at the end of the Second and Third-years, respectively.	Annually	24 0	
Bholanath Bose's Prize	Medicine or Surgery.	Ditto	The most successful of the Fourth-year at bed-side diagnosis of disease in Medicine or Surgery.	Ditto	35 0	
Government Prize in Clinical Medicine.	Clinical Medicine.	Regular students and others.	The best clinical clerk of Fourth and Fifth-year.		35 0	

AFFILIATED INSTITUTIONS

Government Prize in Clinical Surgery. Duke of Edinburgh's Prize. Raye Testimonial Prize.	Clinical Surgery. Anatomy.	Regular students and others. Regular students. Regular Military pupils	To the best Clinical dresser of the Fourth and Fifth-year. To the best of the Fourth and Fifth-years On the results of the Second-year Examination in Anatomy. Highest marks at the Preliminary Scientific M.B. Examination and provided that the winner does not get any other prize. Examination and Thesis. Winner need not complete course of study in India.	...	Instructions. 28 0	...
Maharaja of Gwalior Prize.	Preliminary Scientific Examination. Materia Medica and Therapeutics.	Regular students. (1) Senior students of the Medical College. (2) Ex-senior students of the Medical College studying in a Medical College in India or Europe. (3) Any graduate or licentiate in Medicine of whatever standing. Female medical students of the Second-year.		Annually Ditto	56 0 10 8	One or two years.
Dr. Chandra's Scholarship.				Ditto	30 2 per month	
Mrs. Mary Chandra's Scholarship.	Ditto		To the female medical student who stands first at the Second-year Examination. No restriction on place of study afterwards.	Annually at the end of the Second-year.	20 0 per month.	Two years.

• Immediately after the Test Examination in Pathology.

27. The following is the list of College medals :—

NAME.	Subject.	To whom open.	Conditions.	When awarded.	Nature.
1	2	3	4	5	6
Goodeve	Anatomy	Regular students	To the best native student of Second-year in the subject	End of Second-year.	Silver.
Macnamara	Chemistry	Ditto	To the best native student of the First-year Class.	Ditto	Do
Class	Ditto	Regular, Military pupils	The best student of First-year	End of First-year.	Gold.
Do.	Botany	Regular students	Ditto.	Ditto	Do.
Do.	Comparative Anatomy	Ditto	Ditto.	Ditto	Do.
Do.	{ Physiology Materia Medica Anatomy }	Regular, Military pupils	The best student of Third-year and the best student of the First and Second-year Military pupils.	End of Third-year.	Do.
Do.	{ Medicine Surgery Midwifery Medical Jurisprudence Pathology Ophthalmic Medicine Hygiene Dental Surgery }	Regular students and Military pupils.	The best Regular student of Fifth-year. The best student of the Third and Fourth-year Military pupils.	End of Fifth-year.	Do.

Application for Enrolment as a Student of the Medical College of Bengal.

Name

Age.....

Race, caste or religion and nationality.....

(Bengali, Uriya, Bihari, Assamese, &c.).

Residence (Native District, Village and Post Office) ...

Father's name (alive or deceased) ..

(If father dead) guardian's name and residence (state relationship with the guardian).....

Occupation and approximate annual income of father or guardian... ..

Source of maintenance while a student.....

What University examinations appeared (state name of College and roll number).....

What University examinations passed.

(a) In what division.....

(b) From what College.....

(c) In what year.....

(d) From what University.....

(e) In which of the subjects—
 Physics, Chemistry, Botany,
 Zoology—passed in the
 Intermediate Examination in
 Science, or Bachelor of
 Science. }

What is your University registration number?.....

I hereby certify that the above statement of particulars is true.

Signature of applicant.....

Dated..... Address.....

N.B.—Candidates are requested to fill in this form carefully. All the information in the above form must be correctly given.

INSTRUCTIVE STAFF.

Lt.-Col. B. H. Deare, M.R.C.P., Offg. Principal and Professor of D.P.H., I.M.S. Medicine

Assistant Surgeon Ekendranath Ghosh Professor of Botany
Ditto Ditto ZoologyRai C. L. Basu, Bahadur, M.B., F.C.S., Ditto Chemistry
I.S.O.

Tulsidas Kar, M.A. ... Ditto Physics

Captain J. A. Shorten, I.M.S. ... Professor of General Anatomy and Physiology.

Lt.-Col. D. McCay, M.D., M.R.C.P., Professor of Materia Medica
I.M.S.

Dr. N. Pan, M.B. ... Professor of Descriptive and Surgical Anatomy.

Lt. W. J. Key Stone, I.M.S. ... Lecturer in Practical Pharmacy

Lt.-Col. F. P. Cannon, D.S.O., F.R.C.S., Professor of Principle of Surgery
I.M.S.

Lt.-Col. J. C. H. Leceister, I.M.S. ...	Professor of Midwifery
Major N. P. Sinha, M.D., I.M.S. (Retd.) M.R.C.P.	Professor of Medical Jurisprudence
Lt.-Col. R. P. Wilson, F.R.C.S., I.M.S.	Professor of Clinical and Operative Surgery
Major W. V. Coppinger, M.D., F.R.C.S., D.S.O., I.M.S.	Professor of Ophthalmic Medicine and Surgery
J. E. Gill, Esq., L.D.S. ...	Professor of Dentistry
Ditto ...	Dental Operations
Lt.-Col. D. McCay, M.D., B.C.H., D.A.O., M.R.C.P., I.M.S.	Clinical Medicine
Lt.-Col. Sir L. Rogers, Kt., C.I.E., M.D., F.R.S., F.R.C.S., I.M.S.	Pathology
Dr. C. A. Bentley, M.B., D.P.H. ...	Hygiene
Capt. J. A. Shorten, B.A., M.B., B.C.H., I.M.S.	Offg. Lecturer of Practical Class in Clinical Methods
Captain R. B. Lloyd ...	Offg. Lecturer of Practical Surgery and Bandaging
Asst. Surgeon Nagendranath Chatterjee	Asst. Professor of Anatomy
" Nilratan Banerjee ...	Demonstrator of Anatomy
" Satischandra Das ...	" "
" Rajachandra Sen ...	" "
" Lalitmohan Ghosh ...	" "
" Kalidas Bhattacharyya ...	" "
" Rai Satischandra Banerjee, Bahadur.	Asst. Professor of Physiology
" Lal Mohan Ghosal ...	Demonstrator of Physiology
" Rajendranath Kundu ...	Ditto
" Satyacharan Sen ...	Ditto
" Sureshchandra Chandra	Ditto
" Charubrota Ray ...	Ditto
" Rai G. C. Chatterjee, Bahadur, M.B.	Asst. Professor of Pathology
" Jogeschandra Mukherjee	Demonstrator of Pathology
" J. N. Maitra, M.D. ...	Ditto
" Manindranath De ...	Ditto
" Saileswar Mukerjee ...	Asst. Professor of Biology
" Harihar Ganguli ...	Demonstrator of Biology
" Nabajibin Banerjee ...	Ditto
Babu Pranabprasanna Sengupta, M.B.	Ditto
Asst. Surgeon Benimadhab Chakrabarti	Asst. Professor of Physics and Chemistry
Amulyaratan Chakrabarti	Demonstrator of Physics and Chemistry
Babu Sureshchandra Mukerjee, M.Sc.	Ditto
Hariprasanna Chakrabarti ...	Ditto
Asst. Surgeon Satinath Bagchi ...	Offg. Lecturer on Practical Demonstration in Midwifery

SUCCESSION LIST.

Principals.

1853	M. J. Bramley.	1865	{ C. R. Francis, M.B., (Offg.)
1855	J. McRae, M.D.		{ J. Ewart, M.D., (Offg.)
1856	T. W. Wilson, M.D.	1866	N. Chevers, M.D.
1857	W. C. B. Eatwell, M.D.	1872	D. B. Smith, M.D.
1860	S. B. Patridge, (Offg.)	1873	N. Chevers, M.D.
1861	N. Chevers, M.M.	1876	D. B. Smith, M.D.

1877	J. M. Coates, M.D., (<i>Offg.</i>)	1909	F. J. Drury, M.B., I.M.S.
1878	{ D. B. Smith, M.D.	1910	J. T. Calvert, M.B., M.R.C.P., I.M.S., (<i>Offg.</i>)
1880	J. M. Coates, M.D., I.M.S.	1911	F. J. Drury, M.B., I.M.S.
1890	Edward B Birch, M.D., I.M.S.	1912	J. T. Calvert, M.B., M.R.C.P., I.M.S.
1893	G. Bomford M.D., I.M.S.	1913	B. H. Deare, M.B., M.R.C.P., I.M.S., (<i>Offg.</i>)
1898	G. F. A. Harris, M.R.C.P., I.M.S., (<i>Offg.</i>)	1914	J. T. Calvert, M.B., M.R.C.P., D.P.H., I.M.S.
1900	G. Bomford, M.D., I.M.S.	1919	B. H. Deare, M.R.C.P., D.P.H., I.M.S., (<i>Offg.</i>)
1904	F. J. Drury, M.B., I.M.S., (<i>Offg.</i>)		
1905	C. P. Lukis, M.D., F.R.C.S., I.M.S.		

Secretaries.

1837	David Hare	1854	F. Goodeve
1841	F. J. Mouat, M.D.	1855	F. N. Macnamara, M.A.

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Carmichael Medical College.

FOUNDED, 1916.

This College, the first non-official recognised Medical College in India, came into existence in 1916. The affiliation to the University of Calcutta in the Preliminary Scientific M.B. standard was obtained in April, 1916. The Institution that developed into this College was at the time of affiliation known as the Calcutta Medical School and College of Physicians and Surgeons of Bengal. It had its origin in the year 1886 when some independent medical practitioners met and thought that there was great demand for medical education and that the Government medical schools were unable either to cope with it or to supply a sufficient number of trained medical men for the people. It was decided to start the first private medical school under the name of the Calcutta School of Medicine to supplement the efforts of the Government. The school continued in rented houses for seventeen years. The bulk of the present site was bought in 1896 and the school was removed to Belgachia in 1903. The curriculum was modified in 1887 and framed according to that of the Government medical schools. The name was also changed to "Calcutta Medical School." For clinical instruction the students used to attend the Mayo Hospital from the year 1888. The Albert Victor Hospital (one storeyed building) was formally opened with 40 beds in 1902. The upper storey was built and the new wards were opened in 1909, the total number of beds being thus increased to 100. The institution flourished, numerous students wanted admission every year and many trained men of the Hospital Assistants standard were passed out. The College of Physicians and Surgeons of Bengal, another private institution started in 1895 aiming at medical education of the collegiate standard, was amalgamated with it in 1903. The combined institution was now called the Calcutta Medical School and College of Physicians and Surgeons of Bengal and continued to do useful work till session 1917-18. During thirty years hundreds of trained medical men passed out who are doing useful work under Government, Municipalities, in the various industries, (jute, tea, shipping, &c.) or as country practitioners. This was rendered possible, mainly by the voluntary, ungrudging, and unpaid work done both in the school and in the Hospital by the independent medical profession.

In 1911, before the introduction of the Medical Registration Bill the Government asked the private medical institutions in Calcutta to unite and form one good and efficient teaching institution with a view to help its recognition by the University or the Bengal Council of Medical Registration. Attempts at this union continued for nearly two years but failed. The Government of India then decided to render financial help to the parent institution at Belgachia with a view to its ultimate affiliation to the University of Calcutta. Negotiations were opened between the Government and the representatives of the institution in May, 1913. Ultimately a scheme was framed, the main conditions of which were that the Government offered to give a capital grant, of 5 lacs, provided the Committee raised 2½ lacs from the public and a recurring grant of Rs. 50,000 provided they got Rs. 30,000 a year from the Calcutta Corporation and Rs. 10,000 annually from the University. The authorities had great difficulties in fulfilling the conditions of the Secretary of State and in obtaining affiliation of the University. However, at last these struggles were over and the difficulties overcome and the first affiliation to the University of Calcutta was obtained in April, 1916. The College was formally opened on the 5th July 1916.

In July 1917 the College was affiliated up to the standard of the 1st M.B. Examination. The affiliation of the college was extended to the Final M.B. Examination in July 1919.

The College Curricula are in accordance with the M.B. Examination rules in the Regulations of the Calcutta University.

In May 1918 the name of the Society was altered to "Medical Education Society of Bengal." New Rules and Bye-laws were framed and the Government of the College is now vested in a Council consisting of 11 members of whom 3 are nominated by Government and 1 by the Corporation of Calcutta. The Principal is a member ex-officio. Of the remaining six, 3 are selected by the College and the Hospital staff, and 3 by the members of the Society (2 of these are of the teaching staff this year)

COUNCIL

1. Lt. Col. S. P. Sarbadhikari, I.M.S., C.I.E., M.D. *President*.
2. Dr. M. N. Banerjee, B.A., M.R.C.S (Eng.), Principal, Carmichael Medical College.
3. The Hon'ble Sir Devaprasad Sarbadhikari Kt., C.I.E., M.A., LL.D.
4. The Principal of the Medical College, Calcutta
5. The Superintendent of the Presidency General Hospital
6. The Superintendent of the Campbell Hospital
7. Dr. Saratkumar Mullick, C.B.E., M.S., M.D., (Edin.) (Calcutta Corporation)
8. Dr. Narendranath Basu, L.M.S.
9. Dr. Mrigendralal Mitra, M.D., F.R.C.S., (Edin.)
10. Dr. M. N. Bose, M.B.C.M., (Edin.)
11. Dr. Kedarnath Das, C.I.E., M.D.

THE STUDENTS

1. Students ordinarily enter for a complete course of study but few go in for selected courses in one or more subjects.
2. Students who enter for the full course are called "regular" and those who enter for isolated subjects are termed "casual" students.
3. The maximum number of students admitted every year is determined by the Syndicate of the University.

4. Application for admission should be made to the Principal of the college. Forms of application are to be obtained from the Principal's office.

FEES.

All regular students must pay an annual fee of Rs. 125 in two instalments of Rs. 62-8 viz., in June and December, admission fee for the First-year students being Rs. 20. A practical class fee is also payable in 2 instalments along with the college fees. Fees once paid cannot be refunded.

All regular students must pay an annual fee Re. 1 to the College Sporting Club along with the fees for the summer terms. The fees for the casual students shall be Rs. 40 for each course of lectures and for each course of Practical classes.

All students shall have to make a deposit of Rs. 10 as caution money which will be refunded to them when they finally leave the College after deducting any amount that may be charged against them for damage or loss of instruments and appliances. If the caution money so deposited by any student is at any time fully used up for his purpose he will be called upon to make a fresh deposit of Rs. 10 as often as may be necessary. Practical classes (for 2 hours each) in Bacteriology are held thrice a week in the winter Session the minimum attendance for eligibility to appear at the examination being 30 hours. A practical class fee of Rs. 50 is payable for a term. The attendance at this course entitles them to a certificate.

EXAMINATION.

1. The examinations compulsory for regular students are.—The College Test Examination and the Calcutta University Examination.

2. Casual students may be required to pass the College Test Examinations.

SCHOLARSHIPS, MEDALS, PRIZES AND CERTIFICATES OF HONOUR.

1. R. Sen Scholarship—in Hygiene—Rs. 2 per month, tenable for one year in each case awarded by Mrs. R. Sen.

2. Aghore—Frakash scholarship—to 15 students of the 2nd, 3rd, and 4th year classes at Rs. 10 each per month, tenable for one year. (12 students to be selected by the Council and 3 by the donor himself—) Awarded by Dr. B. C. Roy M.D., M.R.C.P., F.R.C.S. (Eng).

3. Swarna—Parbati Scholarship—Rs. 10 a month tenable for one year in each case, to the best student at the first M.B. Examination. Awarded by Dr. K. S. Ray M.A., B.Sc., M.B., Ch. B. (Edin.) and Kumar Sanker Ray, Esquire.

4. Dr. Rakhaldas Ghosh Medal (Silver)—in Clinical Medicine. Awarded by Dr. B. N. Ghosh F.R.F.P.S. (Lond.), L.M., (Dub.) F.R.S.M. (Lond.).

5. Harimati Dasi Medal (Silver)—in Midwifery. Awarded by Sreemati Harimati Dassi.

6. Medal in Bacteriology—Awarded by Dr. J. M. Das Gupta, M.B. and Capt. J. L. Sen, M.C. I.M.S.

7. A Medal (Gold) in Pharmacology—Awarded by Dr. P. Nandi, M.D.

8. Soorjeekumar Sarbadhikari Medal (Silver) in Botany—Awarded by Lt Col. S. P. Sarbadhikari, I.M.S.

9. Dinonath Bose Medal (Silver) in Chemistry—Awarded by Rai Chunilal Bose, Bahadur, I.S.O., M.B., F.C.S.

The College awards a Silver Medal in each of the remaining subjects on the result of the Test and Annual Examination provided he obtains not less than 75 per cent of marks and passes the University Examination,

Certificates of honour not exceeding three in each subject will be awarded to the students next in order of merit provided they obtain not less than 66 per cent of marks and passes the University Examination.

THE STAFF OF THE COLLEGE.

Principal	...	Dr. M. N. Banerjee, B.A., M.R.C.S. (Eng).
Professor of Medicine	...	Dr. B. C. Roy, M.D. F.R.C.S. (Eng).
Professor-in-charge of Surgery	...	Lt. Col. S. P. Sarbadhikari, I.M.S.C.I.E., B.A., M.D.
Professor of Surgery	...	Dr. M. Mitra M.D., F.R.C.S. (Edin.)
Professor of Ophthalmic Surgery	...	Dr. M. N. Chatterjee, M.B.
Professor-in-charge of Midwifery and Gynecology	...	Dr. Kedarnath Das, C.I.E., M.D.
Professor of Midwifery and Gynecology	...	Dr. Narendranath Basu, L.M.S.
8. Professor-in-charge of Pathology	...	Dr. Charuchandra Basu, B.A., M.B.
9. Professor of Pathology	...	Dr. J. M. Dasgupta, M.B.
10. Professor of Medical Jurisprudence	...	Major N. P. Sinha, I.M.S.
11. Professor of Hygiene	...	Dr. T. N. Majumdar D.P.H., F.C.S., (Lond.) F.R.S., (Edin.)
12. Professor of Anatomy	...	Dr. M. N. Bose, M.B., C.M. (Edin.)
13. Asst. Professor of Physiology	...	Dr. S. P. Neogi, M.Sc., M.B.
14. Professor of Materia Medica	...	Dr. P. Nandi, M.D.
15. Professor of Chemistry	...	P. C. Ray, Esq., M.A.
16. Professor of Physics	...	M. M. Ray, Esq., M.Sc.
17. Professor of Botany	...	S. R. Bose, Esq., M.A.
18. Professor of Zoology	...	Dr. Ekendranath Ghosh, M.Sc., M.D.
19. Asst. Professor of Anatomy	...	Dr. A. K. Rai Chaudhury, M.D.
20. Asst. Professor of Biology	...	Dr. P. P. Sengupta, B.Sc., M.B.
21. Senior Demonstrator of Pathology	...	Dr. H. C. Banerjee, L.M.S.
22. Demonstrator of Pathology	...	Dr. B. N. C. Roy, M.B.
23. Demonstrator of Anatomy	...	Dr. Bhupendranath Bose, M.B.
24. Do.	...	Dr. Dehipada Banerjee, M.B.
25. Do.	...	Dr. Nerodchandra Chatterjee, M.B.
26. Demonstrator of Physiology	...	Dr. S. K. Sen, B.Sc., M.B.
27. Do.	...	Dr. A. N. Banerjee, M.B.
28. Do.	...	Dr. Sreepati Kumar, M.B.
29. Do.	...	Dr. S. N. Nandan, M.B.
30. Demonstrator of Chemistry	...	Mr. N. K. Sen, B.Sc.
31. Do.	...	Mr. Haripada Chakraborty, M.A.
32. Do.	...	Mr. Dhirendramohan Dutt, B.Sc.
33. Demonstrator of Physics	...	Mr. S. D. Majumdar, B.Sc.
34. Do.	...	Mr. B. B. Datta, M.Sc.
35. Demonstrator of Biology	...	Dr. S. N. Basu, M.B.
36. Demonstrator of Botany	...	Mr. P. P. Sen, B.Sc.
37. Demonstrator of Botany	...	Mr. Chittaranjan Roy, B.Sc.

The Bengal Engineering, College, Sibpur.

AFFILIATED 1880.

This is the only College affiliated in Engineering to the Calcutta University. It was opened at Sibpur on 5th April, 1880, and is under the control of a Governing Body, appointed by the Bengal Government.

It is a residential College to which all classes of the community are admitted.

There are two Departments.

I. The Engineer Department, affiliated to the standard of the Degree of Bachelor of Engineering in the Civil Engineering Branch and offering the full College Diploma of "CIVIL ENGINEER."

II. The Apprentice Department, offering the courses of the Joint Technical Examination Board (a) Civil Engineering, to the Upper Subordinate Standard (b) Mechanical and Electrical Engineering and (c) a College course in Mining for the Government *Diploma in the Principles of Mining*.

1. ENGINEER DEPARTMENT.

Admissions are made yearly up to a maximum of 24, of whom 20 are Regular and 4 Special students.

Of the Regular students 6 vacancies are reserved for Burma, Bihar and Orissa, and Assam.

Candidates from Burma and Assam must apply for nominations to the Directors of Public Instruction of those Provinces.

Special students are defined as being the sons of professional men, owners of landed or mineral property and others who wish to receive training in connection with private business, for the development of the country and its resources. They are admitted at the discretion of the Principal.

For admission to the Engineer Department of the College the candidate must have passed (a) the Intermediate Examination in Science with English, Mathematics, Physics and Chemistry and in addition (b) a special Test in Drawing.

Candidates for admission as regular students must be under 21 years of age on the first of January of the year in which they seek admission.

Applications for registration for the Drawing Examination and for admission must reach the Principal not later than such date as may be fixed and they must be accompanied by an Examination and Registration Fee of Rs. 4.

The course for the full College Certificate of "CIVIL ENGINEER" extends over five years—four years at the College followed by one year of practical training on works in progress. The first two years of the College course prepare students for the Intermediate Examination in Engineering and the last two for the Bachelor of Engineering Examination,—at present this is offered only in the Civil Engineering Branch. Regular students are allowed three years to complete the Intermediate Course; if they take longer they are not re-admitted to the College as Regular students. Three years also are allowed for the Graduate Course.

The College Fees are payable in 8 equal monthly instalments during the session as follows :—

	Tuition Regular students.		Consolidated Barrack charges.	Boarding.
	Intermedi-ate Course.	Graduate Course		
	Rs.	Rs.	s.	Rs.
Europeans & Eurasians	15	22-8	5-8	22 to 26
Hindus	15	22-8	5-8	11 to 13
Mahomedans	15	22-8	5-8	a private mess.*

Special students pay Rs. 7-8 extra throughout the course for tuition and are not eligible for College stipends or for posts guaranteed by Government.

*A cook and a servant are engaged by Government for the Mahomedan Mess and special stipends are awarded to Mahomedan students of a value from Rs 6 to Rs 2 depending on the number in the Mess. The object of their provisions is to reduce the cost of living in the College of Mahomedan students to the same level as in the case of other Indian students.

Scholarships.

Payable in 8 equal monthly instalments during the session as follows :—

One of Rs. 300 yearly, and five of Rs. 180 each yearly tenable for 2 years, are awarded to Regular students entering the First-year Class, provided that they do not hold any other Government or University Scholarships.

Mohsin Stipends—Two of Rs 120 yearly awarded on admission. Two of Rs. 120 yearly awarded in the 3rd and 4th years.

One of Rs. 300 yearly is reserved for qualified Europeans or Eurasians; but if no such are applicants, they are open to any one else.

One Senior Scholarship of Rs. 300 yearly, one of Rs 300 yearly, two of Rs. 240, each yearly tenable for two years, are awarded to Regular students on the results of the Intermediate Examination in Engineering and the workshop tests combined. One Senior Scholarship of Rs. 360 yearly is reserved for Europeans. The number of these Senior Scholarships shall not exceed one-half the number of candidates appearing or two-thirds the number that pass the Intermediate Examination in Engineering.

A Forbes-Memorial Scholarship of Rs. 120 yearly tenable for two years accompanied by a Medal is awarded by the Principal on the result of the Intermediate Examination and workshop Tests. This scholarship may be held concurrently with a Senior Scholarship.

After obtaining the University Degree in Engineering every Regular student is as far as possible given the opportunity of undergoing one year's course of practical training and of thus earning the full College DIPLOMA OF CIVIL ENGINEER. During this period 13 scholarships are available of which 3 are specially reserved for training under the Sanitary Engineer.

These scholarships are of the value of Rs. 100 for Europeans Rs. 50 for Indians, but Rs. 10 is retained and handed over to the student on the satisfactory completion of his training.

The Government of India guarantees each year one appointment of Assistant Engineer in the Superior Provincial service of the Public Works Department to a student of this College who is statutory native of India. The successful students are posted in alternate years to Bengal and to the State Railways.

II. APPRENTICE DEPARTMENT.

Offers courses in Civil Engineering, Mining and Mechanical and Electrical Engineering.

(a) *Civil Engineering*.—A four years' course is offered, three years at the College and one on practical training. At the end of the third-year the Overseer Examination is held and the full course Diploma Upper Subordinate is awarded on the satisfactory completion of the practical training.

Admission.—Students who have passed the B. Final Examination or who have passed the Matriculation Examination in the 1st Division with Additional Mathematics are eligible for admission to the 1st-year class, provided that they are under 19 years of age on the 1st of January of the year in which they seek admission.

The session begins on the 1st Monday in November.

(b) *Mining*.—A three years' College course preparing students for the Government Diploma in the Principles of mining. The 1st-year session begins in February. Matriculation and B. Final candidates are eligible for admission to the 1st-year and Sub-Overseer to the 2nd-year. Students over 20 years of age are not admitted.

(c) *Mechanical and Electrical Engineering*.—A three years' College course preparing students for the full course certificate of the Joint Technical Examination Board; this is followed by one year of practical training. Admission as laid down above for Mining.

The tuition fee is Rs. 36 yearly except during the practical training period when no tuition fee is charged. This fee is payable in 8 instalments.

All students must be boarders. A consolidated Barrack charge of Rs. 32 yearly is made.

Boarding Stipends.

There are 5 Boarding stipends of Rs. 25 and 25 Boarding stipends of Rs. 20 each per month for Anglo-Indians and 32 of Rs. 10 each per month for Indians. Holders of Boarding stipends pay no tuition fee.

Scholarships.

A few Scholarships tenable for two years in the Mining Branch are granted on the result of the Examination for promotion held at the end of the 1st-year.

*Ten stipends of Rs 15 and ten of Rs. 9 monthly, tenable during the final period of Practical Training, are awarded on the result of the Overseer Examination.

Guaranteed Appointment.

The Government of India guarantees each year one Overseer's appointment on the Pensionable establishment of State Railways; this is awarded on the result of the Final Examination of the Upper Subordinate Class.

Electrical Power Plant.

Students studying Electrical Engineering are trained upon the College Electrical Power Installations, which comprise —

1. An Electric Lighting Plant 110 volt. direct current with a large accumulator Battery.
2. An Electric Power Plant for the workshops 220 volt. 3 phase alternating current.

Workshops.

The students of the Engineer Department undergo workshop training for about 8 hours weekly, during the 1st two years, attending the Carpenter's shop in the 1st year and the Blacksmith's in the 2nd year. Passing in the Practical tests of these shops is obligatory. The marks obtained are taken into account in the award of the guaranteed Assistant Engineer's post.

The students of the Apprentice Department spend 3 hours daily in the workshops.

There are the following workshops —

(1) Carpenters, (2) Blacksmiths, (3) Iron and Brass Foundry, (4) Fitting and Machine shop.

Industrial Classes

Boys, preferably the sons of workmen are admitted to Industrial Classes in connection with the workshops.

College Staff.

Principal Mr B. Heaton (I.E.S.), F.C.U.

PROFESSORIAL AND TEACHING STAFF.

Department of Civil Engineering.

Professor	.. Mr. T. H. Richardson, B.A.I. (Dublin), M.I.C.E. (Ireland), (I.E.S.), F.C.U.
Teacher	.. Babu Ramaranjan Ghosh, B.A. B.E., (Cal.)

Visiting Lecturers.

Mr. W.S. Keir	... Asst. Govt. Architect
Mr P. N. Banerji	.. Resident Engr Messrs. Martin & Co.
Mr J. C. Sedgely	.. Under Secy. P. W. D. (Irrigation)
Capt Bery	... Asst. Sanitary Engr
Mr. Ghosh	.. Ditto.

Sub-Department of Drawing.

Assistant Professor	... Mr. J. V. Francies, F.C.S. (On deputation).
Teacher	... Babu Chunilal Sarkar, B.E. (Cal.).

Department of Mechanical Engineering.

Professor and Superintendent of Work-shop.	(Vacant) Mr. A. Macdonald (Offg.).
Assistant Professor	... Mr. P. C. Ganguli.
Instructor in Mechanical Drawing	... (Vacant).
Foreman Instructor (Carpenter's shop)	.. Mr. H.G. Landeman.
Do. (Power House and ..	Mr. W. C. Mylne.
Mechanical Engineering shop).	
Foreman Instructor (Fitting and Foundry).	and Mr. G R. Ballantine.
Foreman Instructor (Smith's shop)	... (Vacant).
Native Mistry Instructors	... Fourteen in number.

Department of Electrical Engineering.

Professor	{ Mr. W. H. Everett, B.A., B.E., (Royal M.I.M.E., M.I.E.E., (I. E. S.), (On deputation).
Demonstrator	{ Mr. B. C. Gupta, (I.E.S.) Offg. Babu Bhawanicharan Mitra, F. M. U. S.

Department of Mining.

Professor	.. Mr. E. H. Robertson, M.Sc., (Birm) B A M.I.M.E., F.G.S., (I.E.S.),
Instructor	.. Babu Rashbehari Mondol.

Department of Physics and Mathematics.

Professor	{ Mr. A. Macdonald, B.Sc., (Glasgow), M.A. (I.E.S.), on Military duty.
	{ Mr. S. N. Mitra, B.A. (Cantab.), A.R.C.S. (Lond.) (Offg.)
Demonstrator (Physical Lab.)	... Babu Dhirendranath Mukerjee, M.Sc. (Cal.)
Lecturer in Mathematics	... Babu Tulsicharan Basu, M.A (Cal) (Outside grades).
Demonstrator (Mathematical Lab.)	... Babu Nagendranath Banerjee, B.E. (Cal.)
Instructor	... Mr. C. V. Newman, B.Sc., (Cal.).

Department of Chemistry.

Professor	... Mr. W. Saunders, B.Sc., (Lond.) I.E.S
Demonstrator	... Babu Tarak Das Ghosh.

Staff of Laboratory Assistants and Draftsmen.

Draftsman Department of Drawing, and Principal's Office	... Babu Hrishikesh Chakrabarti.
Draftsman, Department of Mechanical Engineering	... Mahomed Fezlar Rahman.
2nd Assistant, Mining Department	... Babu Prokashchandra Ghosh.
Assistant, Chemical Laboratory	... Babu Brajakishore Banerjee, B.Sc.
Physical Laboratory	... Babu Narayandas Bose, M.Sc.
Assistant, Electrical Laboratory	... Babu Jitendranath Chakrabarty, M.Sc.

Library.

Librarian

... Babu Nagendranath Sen

List of Principals.

1880—1891	S. F. Downing, M.A., A.M.I.C.E., I.C.E.
1892—1898	J. S. Slater.
1899—1900	A. Macdonell, M. A. (<i>Offg.</i>)
1900—1901	B. Heaton (<i>Offg.</i>)
1901—1902	J. S. Slater.
1902—1903	B. Heaton, (<i>Offg.</i>)
1903—1904	J. S. Slater, F.R.A.S.
1904	B. Heaton.
1904—1905	A. Macdonell, M.A. (<i>Offg.</i>)
1905	B. Heaton.
1910—1911	P. Bruhl, D.Sc., (Cal.), M.I.E.E., F.G.S., F.C.S. (<i>Offg.</i>)
1912	B. Heaton.

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XVIII.

Alphabetical List of Recognised Schools.

Permanently Recognised Schools with Districts.

A.

A

Abdullapore H. E. School, Dacca
 Abaipore Ramsundar Institution, Jessore
 Abhayapuri Abhayeswari H. E. School, Goalpara, Assam
 Agartala Umakanta Academy, Tipperah
 Ajagarah H. E. School, Khulna
 Alamdanga H. E. School, Nadia
 Amla Sadarpore H. E. School, Nadia
 Amta H. E. School, Howrah
 Andul H. E. School, Howrah
 Araihaaz H. E. School, Dacca
 Arambagh H. E. School, Hughli
 Ariadaha Kalachand H. E. School, 24-Parganas
 Asansol H. E. School, Burdwan
 Autshahi Radhanath H. E. School, Dacca

B

Babulia J. S. H. E. School, Khulna
 Baburhat H. E. School, Tipperah
 Badla H. E. School, Burdwan
 Bagati H. E. School, Hughli
 Bagerhat H. E. School, Khulna
 Baghutia Bibhagdi H. School, Jessore
 Bagnan H. E. School, Howrah
 Baharu H. E. School, 24-Parganas
 Bahirdia H. E. School, Khulna
 Baidyabati Banamali Mukerjee Institution, Hughli
 Baidyapore George Institution, Burdwan
 Baisari H. E. School, Barisal
 Baisharshi Sivasundari Academy, Faridpore
 Baje Shibpore B. K. Pal's Institution, Howrah

Bajitpore H. E. School, Mymensingh
 Bajitpore Rajkumar Edward Institution, Faridpore
 Bajrajogini H. E. School, Dacca
 Balagarh H. E. School, Hughli
 Bali Rivers Thompson School, Howrah
 Balurghat H. E. School, Dinajpore
 Baluhati H. E. School, Howrah
 Banagram Century Institution, Khulna
 Banari H. E. School, Dacca
 Banaripara Union Institution, Backergunj
 Bangora Umaloohan Academy, Tipperah
 Baniachong Harischandra H. E. School, Sylhet, Assam
 Bandhura Gobindapore Holy Cross Institution, Dacca
 Bankura Wesleyan Mission H. School
 Bankura Hindu School
 Bankura Zila School
 Bantra Madhusudan Palchaudhary H. School, Howrah
 Baradi H. E. School, Dacca
 Barahanagar Victoria H. E. School, 24-Parganas
 Barasat Govt. H. E. School, 24-Parganas
 Barisa H. E. School, 24-Parganas
 Barisal Brajamohan Institution, Backergunj
 Barisal Zillah School
 Barpeta H. E. School, Kamrup, Assam
 Barrackpore Govt. H. School, 24-Parganas
 Baruipore H. E. School, 24-Parganas
 Basantia H. E. School, Midnapore
 Basirhat H. E. School, 24-Parganas
 Bawali H. E. School, 24-Parganas
 Behala H. E. School, 24-Parganas
 Beldanga Govindasundari Academy, Murshidabad
 Belpukur H. E. School, Nadia

Beltali Gangaprasad Jagannath H. School Dacca	Calcutta Bishop's Collegiate School.
Bera Bipinbihari Institution, Pabna	" Bowbazar H. School.
Berhampore K. N. Collegiate School, Murshidabad	" Brahma Girls' H. School.
Bhagirathpore H. E. School, Murshidabad	" Brahma Boys' H. School.
Bhagyakul Harendralal Academy, Dacca	" Central Collegiate School.
Bhaita H. E. School, Burdwan	" Christ Church H. School.
Bhajanghat H. E. School, Nadia	" City Collegiate School.
Bhandarhati B. M. Institution, Hughli	" Collin's Institute.
Bhanga H. E. School, Faridpore	" Cotton Institution.
Bhastara Jaineswar M. E. School, Hughli	" Diocesan Collegiate School.
Bhola Govt. H. E. School, Backargunj	" Garden Reach C. M. S. H. School.
Bijhari H. English School, Faridpore.	" Girls' H. School.
Binodpur B. K. High School, Jessore.	" Hare School.
Birbhum Zila School, Birbhum.	" Hindu School.
Birsinha Bhagabati Vidyalaya, Midnapore.	" High School.
Bishenpore High English School, Bankura.	" Kesav Academy.
Bishnupore Sir Rameschandra High School, 24-Parganas.	" Khelatchandra Institution.
Bogra Coronation School, Bogra.	" Kidderpore Academy.
Bogra Zila School, Bogra.	" Kumar Radhaprasad Institution.
Boinchi B. L. Mukerjee Free Institution, Hughli.	" L. M. S. Institution.
Bolpur H. E. School, Birbhum.	" Loreto House.
Bongong H. E. School, Jessore.	" Madrassa.
Boral H. E. School, 24-Parganas.	" Metropolitan Institution.
Brahmanbaria Annada H. E. School, Tippera.	" " " Barabazar Branch.
Brahmanbatia Edward H. E. School, Tipperah.	" " " Bowbazar Branch.
Brahmanbaria George H. School, Tipperah.	" Mitra Institution.
Brahmanbhita Union Institution, Dacca.	" " " Bhownipore Branch.
Burdwan H. E. School, Burdwan.	" M. L. Jubilee Institution.
Burdwan Raj Collegiate School Burdwan.	" Morton Institution.
	" Narikeldanga George H. School
	" New Indian School.
	" Oriental Seminary.
	" Ripon Collegiate School.
	" Scottish Churches Collegiate School.
	" Sanskrit Collegiate School.
	" Syambazar Vidyasagar School.
	" Sil's Free College.
	" South Suburban School.
	" Sri Vishuddhananda Saraswati Vidyalaya.
	" St. Mary's H. School.
	" St. Anthony's Institution
	" St. Paul's H. School.
	" Taltala H. School.
	" Town School.
	" Training Academy.
	" United Mission Girls' School.
	" U. F. C. Training and High School.
	Chakdaha Ramlal Academy, Nadia

C

Calcutta Academy.
" Aryan High School.
" Aryya Mission Institution.
" Athenaeum Institution.
" Bangabasi Collegiate School
" Baptist Mission Girls' H. School.
" Bethune Collegiate School.

Chakdighi Saradaprasad Institution, Burdwan.
 Chanchal Siddheswari Institution, Maldah.
 Chanchaitala Siddheswari A. C. Institution, Dacca.
 Chandernagar Dupleix College, Hughli.
 Chandpur Hasanali Jubilee Institution, Tipperah.
 Chandrakona Jirat H. E. School, Midnapore.
 Chatkhil Panchgaur Gupta H. School, Noakhali.
 Chatmohar Sambhunath H. School, Pabna.
 Chatra Nandalal Institution, Hughli.
 Chaubari Islamia School, Pabna.
 Chikandi H. E. School, Faridpore.
 Chinsurah Training Academy, Hughli.
 Chinsurah U. F. C. Mission H. School, Hughli.

Chittagong Collegiate School, Chittagong.

" Government Moslem School, Chittagong

" H. E. School, do.

" Municipal School, do.

" National School, do.

Chudanga Victoria Jubilee School, Nadia

Comilla Yusuf School, Tipperah.

Comilla Victoria H. E. School.

Comilla Zila School.

Contai H. E. School, Midnapur.

Contai Model School, "

Cooch-Bihar Jenkin's School, Cooch-Bihar.

D

Dacca Armenitola Government School.

" Collegiate School.

" East Bengal Institution.

" Eden Female School.

" Government Moslem School.

" Imperial Seminary

" Kisorilal Jubilee School.

" Pogose School.

" Ukil's Institution

Dainhat H. E. School, Burdwan

Damurhuda H. E. School, Nadia.

Darjeeling H. School, Darjeeling.

Dasghara H. E. School, Hughli.

Daulatpur H. E. School, Khulna.

Debgunj Nripendranarayan H. E. School, Jalpaiguri

Dibrugarh Government H. School, Lakhimpur, Assam.

Dhalla H. E. School, Mymensingh.

Dhandia Union Institution, Khulna.

Dhakoria H. E. School, 24-Parganas.

Dhubri H. E. School, Goalpara, Assam.

Diamond Harbour H. E. School, 24-Parganas.

Dighapatiya P. N. H. School, Rajshahi.

Dinajpore Zila School, Dinajpore.

Dinhata H. E. School, Cooch-Bihar.

Dishargarh Ambicacharan Institution.

Burdwan.

Domsher Jagadchandra Institution, Faridpore.

Dumkal H. E. School, Murshidabad.

Durgapore H. E. School, Chittagong.

Duptara Central Coronation School, Dacca.

Dubalhati Raja Haranath School, Rajshahi.

E

Elliotgunj H. E. School, Tipperah.

Ethora Srischandra Institution, Burdwan.

F

Faridpore Isan Institution, Faridpore

Faridpore Zila School, Faridpore

Fatikchhari Coronation H. E. School, Chittagong

Feni H. E. School, Noakhali

Fukura Madanmohan Academy, Faridpore

Fultala Reunion School, Khulna

G

Gabha H. E. School, Backergunj

Gaffargaon Islamia H. School, Mymensingh

Gaibandha H. E. School, Rangpore

Gaila H. E. School, Backergunj

Gangarampore P. K. Institution, Jessore

Garalgachcha H. E. School, Hughli

Garbati H. E. School, Hughli

Garbeta H. E. School, Midnapore

Garbhawanipore H. E. School, Howrah

Gauhati Cotton Collegiate School, Kamrup, Assam

Gauripore P. C. Institution, Goalpara, Assam

Gauripore Rajendrakishore H. School, Mymensingh
 Ghatal H. E. School, Midnapore •
 Goalanda H. E. School, Faridpore
 Goalpara H. E. School, Goalpara, Assam
 Gobardanga H. E. School 24 Parganas
 Gokarna P. M. H. School. Murshidabad
 Gokarna Syed Waliullah H. E. School, Tippera
 Golaghat Bezbarua Government School, Sibsagar, Assm •
 Gopalgunj Mathuranath Institution, Faridpore
 Gopalnagar Kerr Institution, Midnapore
 Gossain-Durgapore H. E. School, Nadia
 Guptipara H. E. School, Hughli
 Ghustia K. M. H. E. School, 24 Parganas

H

Habigunj Government H. School Sylhet, Assam
 Hailakandi Victoria Memorial School, Cachar, Assam
 Halisahar H. E. School, 24 Parganas
 Harina Bagbati H. E. School, Pabna
 Harina Chalitatali Edward Institution, Tippera
 Harinabhi H. E. School, 24 Parganas
 Harinarayanpore H. E. School, Nadia
 Haripal Gurudayal Institution, Hughli
 Hashara Kalikisor H. E. School, Dacca
 Hatuganj M. N. K. H. E. School, 24 Parganas
 Hemnagar Sasimukhi H. E. School, Mymensingh
 Hetampore Raj H. E. School, Birbhum
 Howrah I. R. Belilios Institution. Howrah
 Howrah Ripon Collegiate School, Howrah
 Howrah Zillah School, Howrah
 Hughli Branch School, Hughli
 Hughli Collegiate School, Hughli

I

Ichhapura H. E. School. Dacca
 Idilpore H. E. School, Faridpore
 Ikhra Basantibijay H. E. School Burdwan

Ilsoha Mondlai H. E. School, Hughli
 Irphala Krishnamohan Institution, Midnapore
 Islampore H. E. School, Murshidabad
 Itachona Srinarayan H. E. School, Hughli
 Itna H. E. School, Jessore

J

Jagatballabhporc H. E. School, Howrah
 Jaidebpur Rani Bilasmani H. E. School, Dacca
 Jalpaiguri Zila School, Jalpaiguri
 Jamalpore Donough Government H. E. School, Mymensingh
 Jamirta High English School, Pabna
 Jamsherpore B. N. High School, Nadia
 Jamurki Sir Nawab Abdul Gani High School, Mymensingh
 Janai Training School, Hughli
 Jangipore H. E. School, Murshidabad
 Jara H. E. School, Midnapore
 Jaynagar Institution, 24-Parganas
 Jaypore Phakirdas Institution, Howrah
 Jaypore Lohagara Institution, Jessore
 Jessore Sammilani, Jessore
 Jessore Zila School, Jessore
 Jhalakati Govt H. School, Backergunj
 Jhapardaha Duke Institution, Howrah
 Jhenidah H. E. School, Jessore
 Jhikra H. E. School, Howrah
 Jagunji E. C. Institution, Murshidabad
 Joradah H. E. School, Jessore
 Jorhat Bezbarua H. School, Sibsagar, Assam
 Jorhat Govt. H. School, Sibsagar, Assam
 Juniadah H. E. School, Nadia

K

Kagram H. E. School, Murshidabad
 Kaikala H. E. School, Hughli
 Kakina Mahimaranjan Memorial School, Rangpore
 Kalia Remodelled H. School, Jessore
 Kaligunj Raja Rajendranarayan H. School, Dacca
 Kalma Lakshmikanta H. School, Dacca
 Kalna Maharaja's School, Burdwan
 Kamarhati Sagore Dutt Free School, 24-Parganas
 Kanchantala J. D. J. Institution, Murshidabad
 Kandi Raj H. E. School, Murshidabad

Karapara H. E. School, Khulna
 Karimganj Govt. H. School, Sylhet, Assam
 Kartikpore H. E. School, Faridpore
 Kasba H. E. School, Tippera
 Katwa Kasiram Das Institution, Burdwan
 Kazirpagla A. T. Institution, Dacca
 Khagra L.M.S. Institution, Murshidabad
 Khaliskhali Magura Saradacharan Institution, Khulna
 Khalispore H. E. School, Khulna
 Khanakul Krishnagar Jnanada Institution, Hughli
 Khankhanapore Surajmohini Institution, Faridpore
 Kharagpore B. N. R. Indian H. School, Midnapore
 Khararia H. E. School, Khulna
 Khoksa Janipore H. E. School, Nadia
 Khulna Zilla School, Khulna
 Kirnahar Sibchandra H. School, Birbhum
 Kirtipasa P. K. Institution, Backergunj
 Kisoregunj H. E. School, Mymensingh
 Konnagar H. E. School, Hughli
 Kotampur H. E. School, Bankura
 Kotchandpore H. E. School, Jessore
 Kotwalipara Union Institution, Faridpore
 Krishnagar A. V. Institution, Nadia
 Krishnagar C. M. S. St. John's H. School, Nadia
 Krishnagar Collegiate School, Nadia
 Kuchiakole Radhaballabh Institution, Kumarkhali M. N. Institution, Nadia
 Kurigram H. E. School, Rangpore
 Kushtia H. E. School, Nadia

L

Labhpore J. L. H. E. School, Birbhum
 Lakshimpasa D. C. Institution, Jessore
 Lakshimpore H. E. School, Noakhali
 Lohajang H. E. School, Dacca
 Lonsing H. E. School, Faridpore

M

Madaripore H. E. School, Faridpore
 Magura H. E. School, Jessore
 Mahamuni Anglo-Pali Institution, Chittagong
 Mahespore H. E. School, Jessore
 Mahestala H. E. School, 24-Parganas
 Mahisadal Raj H. School, Midnapore

Majdia Railbazar H. E. School, Nadia
 Majilpore J. M. Training School, 24-Parganas
 Maju R. N. Basu H. School, Howrah
 Maldah Zila School, Malda
 Malkhanagar H. E. School, Dacca
 Mangaldai H. E. School, Darrang, Assam
 Manickgunj H. E. School, Dacca
 Mathabhanga H. E. School, Cooch-Bihar
 Mathrun N. C. Institution, Burdwan
 Maulavibazar H. E. School, Sylhet, Assam
 Meherpore H. E. School, Nadia
 Mekliganj H. E. School, Cooch-Bihar
 Memari Vidyasagar Memorial School, Burdwan
 Midnapore Collegiate School, Midnapore
 Midnapore Hindu School, Midnapore
 Midnapore Town School, Midnapore
 Miksimil Rudaghara H. E. School, Khulna
 Mughkalyan H. E. School, Howrah
 Muktagachcha Ramkisor H. School, Mymensingh
 Munsiganj H. E. School, Dacca
 Muradnagar Durganarayan H. School, Tippera
 Muragachha H. E. School, Nadia
 Murapara Victoria H. School, Dacca
 Murshidabad Nawab Bahadur's Institution, Murshidabad
 Mymensingh City Collegiate School
 Mymensingh Mrityunjay H. School
 Mymensingh Vidyamoyee Girls' School
 Mymensingh Zila School

N

Nabadwip Hindu School, Nadia
 Nabinagar H. E. School, Tippera
 Nagarpore Jadunath Institution, Mymensingh
 Naihati Mahendra H. E. School, 24-Parganas
 Nakipore H. E. School, Khulna
 Nakrakonda H. E. School, Birbhum
 Naldanga Bhushan H. E. School, 24-Parganas
 Naldha H. E. School, Khulna
 Nalta H. E. School, Khulna
 Naogaon K. D. H. E. School, Rajshahi
 Naokhila P. N. H. E. School, Bogra
 Narail Sub-Divisional H. E. School, Jessore

Narail Victoria Collegiate School
 Jessore
 Naraingunj H. E. School, Dacca
 Narit Nayaratna Institution, Howrah
 Nasigram H. E. School, Burdwan
 Nator Maharaja's H. E. School,
 Rajshahi
 Nawabgunj H. M. Institution, Maldah
 Nawabgunj S. B. Institution, 24-
 Parganas
 Nawapara George Coronation School,
 Khulna
 Nazira aided H. E. School, Sibsagar,
 Assam
 Nepal Durbar H. E. School Nepal
 Netrokona Dutt H. E. School, Mymen-
 singh
 Nibadhai H. E. School, 24-Parganas
 Nilphamari H. E. School, Rangpore
 Nimtita Gaurisundar Dwarkanath In-
 stitution, Murshidabad
 Noakhali Rajkumar Jubilee H. School,
 Noakhali
 Noakhali Zila School, Noakhali
 Nowgong Govt. H. School, Nowgong,
 Assam

O

Ol pore Purnachandra H. E. School,
 Faridpore
 Okersa H. E. School, Burdwan
 Orakandi H. E. School, Faridpore

P

Pabna Institution, Pabna
 Pabna Zila School, Pabna
 Paigram Kasba H. E. School, Khulna
 Paikpara Union Institution, Dacca
 Pakutia Brindabanchandra H. School,
 Mymensingh
 Palasdangs H. E. School, Bankura
 Palong H. E. School Faridpore
 Panchthupi T. N. Institution, Murshi-
 dadad
 Panditsar H. E. School, Faridpore
 Panielati Trannath H. E. School, 24-
 Parganas
 Panitras H. E. School, Howrah
 Panjia H. E. School, Jessore
 Parjana M. N. H. E. School, Pabna
 Paschingaon Badarunnesa H. School,
 Tippera
 Patuakhali Jubilee H. School, Backer-
 gunj
 Patuli H. E. School, Burdwan
 Pingla Krishnakamini Institution,
 Midnapore

Pingna H. E. School, Mymensingh
 Piroj pore Govt. H. School, Backer-
 gunj
 Potazia H. E. School, Pabna
 Purbasthali H. E. School, Burdwan
 Puthia P. N. Institution, Rajshahi
 Putsari J. P. Institution, Burdwan

R

Radhanagar Majumdar's Academy,
 Pabna
 Raiganj Coronation School, Dinajpore
 Rajagram A. S. School, Bankura
 Rajbari Raja S. K. Institution, Farid-
 pore
 Rajshahi Bholanath Academy, Raj-
 shahi
 Rajshahi Collegiate School, Rajshahi
 Ramgopalpore H. E. School, Burdwan
 Ramgopalpore P. J. K. Institution,
 Mymensingh
 Rampurhat H. E. School, Birbhum
 Ranaghat Palchaudhuri H. School,
 Nadia
 Rangamati Govt. H. School, Chitta-
 gong Hill Tracts
 Rangdia H. E. School, Khulna
 Rangpore Kailasaranjan H. School,
 Rangpore
 Rangpore Zila School, Rangpore
 Ranigunj H. E. School, Burdwan
 Raozan R. R. Institution, Chittagong
 Raruli Katipara B.K.H.C. H. School,
 Khulna
 Raspur H. E. School, Howrah
 Rayna H. E. School, Burdwan
 Rol Chaudhuri Md. Tayeb Institution,
 Bankura
 Rowile H. E. School, Dacca

S

Saidpore H. E. School, Rangpore
 Sailkupa H. E. School, Jessore
 Saktipore K.M.C. Institution, Murshi-
 dadad
 Salap H. E. School, Pabna
 Salar Edward H. E. School, Murshida-
 bad
 Salkia A. S. H. School, Howrah
 Sandwip Cargil Institution, Noakhali
 Santipore Municipal H. School, Nadia
 Santipore Oriental Academy, Nadia
 Santosh Jahnvi H. E. School, Mymen-
 singh
 Sarail Annada H. School, Tippera
 Sarisa H. E. School 24-Parganas

- Saroatali P. C. Sen H. School, Chittagong
 Satirpara Kalikumar Institution, Dacca
 Satkania H. E. School, Chittagong
 Sathkira Prannath Institution, Khulna
 Seakhala Benimadhab Institution, Hughly
 Searsole Raj H. School, Burdwan
 Sekanderpore Rai K. P. Pal Bahadur Free Institution, Hughli
 Senhati H. E. School, Khulna
 Serajgunj B. L. H. School, Pabna
 Serajgunj Victoria H. School, Pabna
 Serampore Collegiate School, Hughli
 Serampore Union Institution, Hughli
 Shahazadpore H. E. School, Pabna
 Shashati Nahala Abinas H. School, Howrah
 Sherpore Diamond Jubilee School, Bogra
 Sherpore Town Victoria Academy, Mymensingh
 Shillong Govt. H. School, Assam
 Sholak Batajor Union Institution, Backergunj
 Sibpore H. C. E. School, Howrah
 Sibsagar Bezbarua H. School, Sibsagar, Assam
 Sibsagar Govt. H. School, Sibsagar, Assam
 Siddhikati J. P. H. School, Backergunj
 Sikarpore H. E. School, Nadia
 Silchar Govt. H. School, Cachar, Assam
 Singur Mahamaya H. E. School, Hughli
 Sodepore H. E. School, 24-Parganas
 Solaghar Sir C. M. G. H. E. School, Dacca
 Somra H. E. School, Hughli
 Sonakanda B. M. Institution, Dacca
 Sonamukhi Jubilee H. School, Bankura
 Sonargaon Gangabasi Ramehendra Institution, Dacca
 Sonatala H. E. School, Bogra
 South Garia Bompas Institution, 24-Parganas
 Stal Pakrasi H. E. School, Pabna
 Sudhakarpore H. E. School, Nadia
 Sunamgunj Jubilee H. School, Sylhet, Assam
 Sutragarh Maharaja of Nadia's H. School, Nadia
 Swarnagram Radhanath H. School, Dacca
 Syamagram Mohinikisor H. E. School, Tippera
 Sylhet Govt. H. School, Assam
 Sylhet Raja Girischandra H. School, Assam
- T**
- Tajhat H. E. School, Rangpore
 Taki Govt. H. School, 24-Parganas
 Tala B. De Institution, Khulna
 Tamluk Hamilton H. School, Midnapore
 Tangail Bindubashini H. School, Mymensingh
 Telinipara Bhadreswar H. E. School, Hughli
 Telirbagh K. M. D. M. Institution, Dacca
 Teota Academy, Dacca.
 Tezpor Govt. H. School, Darrang, Assam
 Thakurgaon H. E. School, Dinajpore
 Torekona Jagatbandhu Institution, Burdwan
 Tulasar Gurudas H. School, Faridpore
- U**
- Ujanchar Ker H. School, Tippera
 Ukhara H. E. School, Burdwan
 Ulipore Maharani Swarnamayee H. School, Rangpore
 Ullapara Merchants' Association H. E. School, Pabna
 Uluberia H. E. School, Howrah
 Uttarpara Govt. H. School, Hughli
- W**
- Wazirpore W. B. Union Institution, Backergunj

B.

Provisionally recognised Schools with Districts.

A

Abutorab Rajlakshmi H. E. School,
Chittagong
Achmita George H. School, Mymen-
singh
Adamdighi Iswar Purnajay H. E.
School, Bogra
Adiabadi Islamia H. E. School, Dacca
Alipur Duar H. E. School, Jalpaiguri
Amgram H. E. School, Faridpore
Amirabad H. E. School, Noakhali
Anwara H. E. School, Chittagong
Arani H. E. School, Rajshahi
Arbelia J. V. H. E. School, 24-Parganas
Ariel Swarnamayee H. School, Dacca
Asadtalia Coronation Memorial H.
School, Midnapore
Asujia Jaynath Coronation Institution,
Mymensingh

B

Badangunj H. E. School, Hughli
Bagribari Harendranarayan H. School,
Goalpara, Assam
Bahiri Bradley-Birt H. School, Midna-
pore
Balapore Nabinchandra H. E. School,
Dacca
Balijsuri Fazal Mohammed H. E.
School, Mymensingh
Baliakandi H. E. School, Faridpore
Baliati Iswarchandra H. E. School,
Dacca
Balla Coronation H. E. School
Mymensingh
Banagram Anandakisor H. School,
Mymensingh
Banagram H. E. School, Chittagong.
Banwaribad H. E. School, Murshi-
dabad
Banwarinagar Coronation Banamali
H. School, Pabna
Baranadi H. E. School, Backergunj

Barhatta Coronation Krishnaprasad
H. School, Mymensingh
Barisal Town School, Backergunj
Barisal Asmat Ali H. School, Backer-
gunj
Barkati Bindubasini H. E. School
Backergunj
Barkanta H. E. School Tippera
Barrackpore Debiprasad H. School,
24-Parganas
Barthi Tara Institution, Backergunj
Baruipara P. C. H. E. School, Khulna
Basunda H. E. School, Backergunj
Basurhat Abdul Halim Coronation
H. School, Noakhali
Begumgunj H. E. School, Noakhali
Benipore H. E. School Jessore
Benodepore Ramkumar H. E. School,
Dacca
Bhadrasan Gobindachandra H. E.
School, Faridpore
Bholahat Rameswar Institution, Maldah
Bidyakut Amar H. E. School, Tippera
Bidyandakati Rashbihari H. School,
Jessore
Bilonia Brajendrakisor H. School,
Hill Tippera
Bishnupore Rasamanjari H. E. School,
Birbhum
Bitgarh Radhanath H. E. School,
Tipperah
Boalia H. E. School, Tipperah
Boalmari George Academy, Faridpore
Brahmangaon H. E. School, Dacca.
Budge-Budge P. K. H. School,
24-Parganas

C

Calcutta Ballygunj Jagatbandhu Institu-
tion
" Bengal Institution
" Chetla Boys' H. E. School
" Jorasanko H. E. School
" Kalighat H. E. School

Calcutta Maharaja Cossimbazar's
Polytechnic Institute
" North Suburban School, Tala
" Oriental Training Academy
" Rani Bhabani H. School
" Saraswat Kshatriya Institution
" Sri Maheswari Vidyalaya
" Sri Sanatan Dharma Vidyalaya
" Saraswati Institution
" Victoria Institution

Chak-Atitha H. E. School, Rajshahi
Chak-Bochai H. E. School, Bogra
Chaltakhali Bharatchandra Raigunakar
H. School, Howrah

Chandipasa H. E. School, Mymensingh

Chandpore Ghani H. E. School, Tipperah

Chandrahar H. E. School, Backergunj
Chandsee, Iswarchandra H. School, Backergunj

Charmatura Panna Mia Trust Fund
School, Noakhali

Chaugram H. E. School Rajshahi

Cheora H. E. School, Tippera

Chhagalnaya H. E. School, Noakhali

Chralia H. E. School, Khulna

Chittagong J. M. Sen's Institution,
Chittagong

" Khastagir's Girls' School,
Chittagong

" Oriental Academy, Chit-
tagong

" Umatara Institution, Chit-
tagong

Comilla Iswar Pathsala, Tipperah

D

Dacca Nabakumar H. School, Dacca
Daibajnahati Bisweswar H. School,
Khulna

Dari-Rampore H. E. School, Mymensingh

Darjeeling Maharan's Girls' H.
School, Darjeeling

Dattapara Ramratan H. School,
Noakhali

Daulatpore H. E. School, Pabna

Debagram H. E. School, Tippera

Deotukun Harakisor H. E. School,
Mymensingh

Dewangunj Co-operative H. E. School,
Mymensingh

Dhalghit H. School, Chittagong

Dhamrai Hardinge H. School, Dacca

Dhankora Girls' H. School, Dacca

Dhobakhola Coronation, Pabna
Dhoradaha H. E. School, Nadia
Dhuberia Seffatullah H. E. School,
Mymensingh

Dibrugarh George H. School, Lakhmi-
pore Assam

Dinajpore H. E. School, Dinajpore

Dinajpore Town H. School, Dinaj-
pore

Digpait H. E. School, Mymensingh

F

Farasgunj H. E. School, Noakhali

Fatehabad H. E. School, Chittagong

Fatehpore K. G. H. School, Tipperah

Feni Institution, Noakhali.

G

Gaibandha Islamia H. School, Rang-
pore

Galimpore Rahmania H. E. School,
Dacca

Gasbaria Nityananda H. E. School,
Chittagong

Gauhati Sonaram H. School, Kam-
rum, Assam

Goalnuth Union H. School, Khulna

Gobindagunj H. E. School, Rungpore

Gopaldighi Kaloha Poujan Union
H. School, Mymensingh

Gopalgunj Sitanath H. School, Farid-
pore

Gopinathpur H. E. School, Faridpore

Gorabazar Iswarchandra H. School,
Murshidabad

Gosainbari Amiruddin H. E. School,
Bogra

Gulhatia H. E. School, Murshidabad

H

Habashpore Kasimbazar H. E. School,
Faridpore

Hajigunj H. E. School, Tippera

Haria H. E. School, Midnapore

Hathazari Parbati H. School, Chitta-
gong

Hatiya Union H. E. School, Noakhali

I

Ibrahimpore King George H. School,
Tipperah

Indus H. E. School, Bankura

Islampore Nekjahan H. E. School,
Mymensingh

Iswargunj Bisweswary H. E. School
Mymensingh

J.

Jafarnagar H. E. School, Chittagong
Jagannathpore Chandiprasad H. E.
School, Backergunj
Jahapore Kamalakanta Academy,
Tipperah
Jalabari D. N. H. E. School,
Backergunj
Jalpaiguri Fanindra Deb Institution,
Jalpaiguri
Jangipara Dwarkanath Institution,
Hooghly
Jatia H. E. School, Mymensingh
Jorhat Christian H. E. School, Sib-
sagar, Assam
Jujersa Prannath Manna Institution,
Howrah

K.

Kadamtala George H. E. School,
Backergunj
Kagail Karunakanta Academy, Bogra
Kailasahar Radhakisor Town School,
Hill Tippera
Kalai H. E. School Bogra
Kalaskati Baradakanta Muktakesi
Academy, Backergunj
Kalihati Ramgati Union H. School,
Mymensingh
Kandipara Askar Ali H. School,
Mymensingh
Kanihari Biswanath Harendranarayan
School, Mymensingh
Kansat H. E. School, Maldah
Karakdi Rashbihary H. E. School,
Faridpore
Karanjali H. E. School, 24-Paraganas
Karatiya Hafiz Ali H. E. School,
Mymensingh
Karimgunj Nilmani H. School, Sylhet,
Assam
Kasiani H. E. School, Faridpore
Kendua Spry Institution, Mymensingh
Khalia Rajaram H. School, Faridpore
Khalipore H. E. School, Pabna
Khalna H. E. Rector Governor's
Institute, Howrah
Khanjanpore H. E. School, Bogra
Khasial H. E. School, Jessore
Kheyachera H. E. School, Chittagong
Khilpara H. E. School, Noakhali
Kholisakota H. E. School Backerganj

Khulna B. K. Union Institution,
Khulna

Kisorgunj Azimuddin H. School,
Mymensingh
Kisorgunj Ramananda H. E. School,
Mymensingh
Kolia Ameer Ali H. School, Howrah
Kodalia Saharulla Islamia H. School,
Mymensingh
Koneswar S. C. Edward H. E. School,
Faridpore
Kudurkhal H. E. School, Chittagong
Kundala Kripasindhu Gobindachandra
H. E. School, Birbhum
Kukutia Kamalakanta Academy, Dacca
Kumira H. E. School, Khulna
Kundi H. E. School, Rangpore
Kurhman N. C. Institution, Burdwan

L.

Lalgola M. N. Academy, Murshidabad
Lakhpore Simulia H. E. School,
Dacca

M.

Madaripore Islamia H. School,
Faridpore
Magrahat Anglo-Oriental School,
24-Paraganas
Mahimgunj H. E. School, Rangpore
Malda Akurmani H. School, Malda
Maliara H. E. School, Bankura
Mangalkandi H. E. School, Noakhali.
Manikdaha Lilabati Seminary, Farid-
pore.
Masni H. E. School, Khulna.
Matlubgunj H. E. School, Tipperah.
Mirpore Siddhanta H. E. School,
Dacca.
Mirzapore Sadaikrishna High School,
Mymensingh.
Mohanpore Kshitinnohan H. School,
Pabna.
Mugberia Gangadhar H. E. School,
Midnapore
Muhammaddpore Ramendra H. School,
Noakhali.
Mustafapore H. E. School, Faridpore.
Memnagar H. E. School, Nadia.
Meher-Sahapore Satindra H. E.
School, Tipperah.
Mymensingh Edward Institution,
Mymensingh.

N

Nabigunj Jugalkisor H. School, Sylhet
Assam.

Nagharia H. E. School, Maldah.
 Nakol Raicharan H. School, Jessore.
 Nalbari Gurdon H. E. School, Kamrup, Assam.
 Nalchira Village Union H. E. School, Backergunj.
 Nalhati Hariprasad H. E. School, Birbhum.
 Nandigram Carmichael H. School, Midnapore.
 Narchi H. E. School, Bogra.
 Natuda H. E. School, Nadia.
 Nawabgunj H. E. School, Dacca.
 Netrokona Anjuman H. School, Mymensingh.
 Noakhali Ahmedia H. School, Noakhali.
 Noakhali Arunchandra H. School, Noakhali.
 Noapara H. E. School, Chittagong.
 Noapara H. E. School, Mymensingh.
 North Gauhati Auniati Kamal Institution, Kamrup, Assam.
 North Lakhimpur Government School, Lakhimpur, Assam.
 Netrakona Goursundar H. E. School, Mymensingh.

P

Pabna Aryan Academy, Pabna.
 Panchakhanda Haragobinda H. E. School, Sylhet, Assam.
 Panchetgarh H. E. School, Midnapore.
 Pangsa George H. School, Faridpore.
 Panskura Bradley-Birt H. School, Midnapore.
 Pantihal Damodar Institution, Howrah.
 Parbatipore Patitpabani H. School, Midnapore.
 Patiya Rahatali H. E. School, Chittagong.
 Patna Academy, Jessore.
 Patrasayer Gurudas H. E. School, Bankura.
 Pirpur Jaynagar H. E. School, Howrah.
 Poraikora Nayantara Institution, Chittagong.
 Purbadhala Jagatmani H. E. School, Mymensingh.

R

Raghunathbari Ramtarak H. School, Midnapore.
 Rahamatpore H. E. School, Backergunj.

Raipore George Coronation H. School, Noakhali.
 Raipur K. C. H. School, Tippera.
 Rajarampore Ezechiel H. School, Dinajpore.
 Rajbalhat H. E. School, Hughli.
 Rajgunj Union H. School, Noakhali.
 Rajpore Anglo-Vernacular School, 24 Parganas.
 Ramgunj Budhinath H. School, Dinajpore.
 Ramgunj Madhupore Union H. E. School, Noakhali.
 Rampurhat Union H. School, Birbhum.
 Roshangiri H. E. School, Chittagong.
 Rudrakar H. E. School, Faridpore.
 Rupasdi Brindabanchandra H. School, Tippera.
 Rupsa Ahmedia H. School, Tippera.
 Rangunia H. E. School, Chittagong.
 Rupapat Bamanachandra Academy, Faridpore.
 Rajdia Abhay H. E. School, Dacca.

S

Sabhar Adharchandra H. School, Dacca.
 Sachar H. E. School, Tippera.
 Sadasadi H. E. School, Dacca.
 Saidabad Harding H. School, Murshidabad.
 Salmgunj H. E. School, Tipperah.
 Salkia Hindu School, Howrah.
 Sandikona H. E. School, Mymensingh.
 Sankari Bhubanmohan H. School, Burdwan.
 Sankrail Abhay H. E. School, Howrah.
 Sara Marwari H. School, Pabna.
 Sarangabad H. E. School, 24 Parganas.
 Sekharnagar Rai Bahadur Sreenath Institution (Dacca).
 Shakpura H. E. School, Chittagong.
 Shamnagar Kantichandra H. School, 24 Parganas.
 Shariakandi H. E. School, Bogra.
 Sherpore Town Gobindakumar Peace Memorial Institution, Mymensingh.
 Shibganj H. E. School, Howrah.
 Shibpore H. E. School, Dacca.
 Sibchar Nandakumar Institution, Faridpore.
 Siddhipasa Pulinbihari H. School, Jessore.
 Sijgram Hosseinabad H. School, Murshidabad.
 Silchar Narsing H. School, Cachar, Assam.
 Siliguri H. E. School, Darjeeling.

Simulia Syamaprasad H. School, Dacca.
 Sinhergaon Gobinda H. School, Tippera
 Singhajani H. E. School, Mymensingh.
 Sitakundu H. E. School, Chittagong.
 Sohagpore Syamkisor H School, Pabna
 Senaimuri H. E. School, Noakhali.
 Sonamukhi H. E. School, Bogra.
 Sonarang H. E. School, Dacca.
 Srikhanda H. E. School, Burdwan.
 Sripore M. C. H. School, Jessore.
 Sufalakati H. E. School, Jessore
 Sukhanpukur H. E. School, Bogra,
 Suri Benimadhab H. E. School,
 Birbhum.
 Susung Kumudchandra Memorial
 H.E. School, Mymensingh.

Tangail Sivanath Academy, Mymen-
 singh.
 Tiluri Kripamayee H. E. School,
 Burdwan

Town Sripur H. E. School, Khulna.
 Tufangunj Nripendranarayan H. E.
 School, Cooch Bihar.
 Tulsighat Kasinath H. E. School,
 Rangpore.

U

Udainarayanpore Saradacharan H. E.
 School, Howrah.
 Ulania Coronation H. School, Backer-
 gunj.
 Uttarsahabazpore George H E School,
 Backergunj.

Zorwargunj Ramsundar H E. School,
 Chittagong.
 Zuluhar Saptagram Sanmilani Institu-
 tion Backerganj

**ALPHABETICAL LIST OF RECOGNISED SCHOOLS
ARRANGED ACCORDING TO THE PROVINCE
AND DISTRICT IN WHICH THEY ARE
SITUATED**

ASSAM

CACHAR	NOWGONG
† * Hailakandi Victoria Memorial High School	* Nowgong Government School
* Silchar Government High School	
Silchar Narsing School (Prov.)	SHILLONG
DARRANG	* Shillong Government High School
Mangaldai H. E. School	
* Tezapore Government School	SIBSAGAR
GOALPARA	* Golaghat Bez-Baruya Government High School
Abhayapuri Abhayeswari High School	* Jorhat Bez-Baruya High School
* Dhubri High School	* Jorhat Government High School
Gauripur P. C. School	Nazira Aided High School
* Goalpara H. E. School	Sibsagar Bez-Baruya H. E. School
Bagribari Harendra Narayan Seminary (Prov.)	* " Government High School
	Jorhat Christian High School (Prov.)
KAMRUP	SYLHET
* Barpeta H. E. School	Baniachong Harischandra High School
† Gauhati Cotton Collegiate School	† Habiganj Government High School
Gauhati Sonaram School (Prov.)	* Karimganj Government High School
Nalbari Gurdon H. E. School (Prov.)	* Maulavi Bazar H. E. School
North-Gauhati Anuati Kamal Institution (Prov.)	* Sunamganj Jubilee School
LAKHIMPUR	* Sylhet Government High School
* Dibrugarh Government H. E. School	" Raja Girishchandra High School
* Dibrugarh George Institution (Prov.)	Karimganj Nilmoni School (Prov.)
North Lakhimpore Government School (Prov.)	Nabiganj Jugalkisore School (Prov.)
	Panchakhanda Haragobinda School (Prov.)

* Authorised to teach Geography.

† Authorised to teach Elementary Mechanics.

BENGAL

BACKERGANGJ

Baisari H. E. School
 Banaripara Union School
 Barisal Brajamohan Institution
 *† Barisal Zila School
 *Bhola Govt. H. School
 Gabha H. E. School
 Gaila H. E. School
 Baranadi H. E. School, (Prov.)
 Barisal Asmat Ali H. E. School (Prov.)
 Barisal Town School, (Prov.)
 Barthi Tara Institution (Prov.)
 Basunda H. E. School, (Prov.)
 Barkati Bindu Basini Institution (Prov.)
 Chandrakar H. E. School (Prov.)
 Chandsee Iswarchandra Institution
 (Prov.)
 Jagannathpur Chandiprosad School
 (Prov.)
 *Jalabari D. N. H. E. School, (Prov.)
 *Jhalakati Govt. H. School
 Kirtipasa P. K. Institution
 Patuakhali Jubilee H. E. School
 *Pirojpur Govt. H. E. School
 Kadamtala G. H. E. School (Prov.)
 Kalaskati Baradakanta Muktakesi
 Academy (Prov.)
 Kholisaketa H. E. School (Prov.)
 Nalch'ra H. E. School (Prov.)
 Rahamathpur H. E. School (Prov.)
 Sholak Batajor Union Institution
 Siddhakati H. E. School
 Wazirpur W. B. Union Institution
 Ulania Coronation Institution (Prov.)
 Uttersahabazpur George Institution
 (Prov.)
 Zuluhar Saptagram Sammilani Ins-
 titution (Prov.)

BANKURA

Bankura Hindu H. E. School
 " Wesleyan H. E. School
 " Zila School
 Bishenpur H. E. School
 Indas H. E. School (Prov.)
 Kotalpur H. E. School
 Kuchiakole Radhaballav Institution
 Maliara H. E. School (Prov.)
 Palasdanga H. E. School
 Patrasayer Gurudas H. E. School
 (Prov.)

BANKURA—contd.

Rajagram A. S. School
 Rol Chaudhuri Md. Tayab Institution
 Sonamukhi Jubilee H. E. School

BIRBHUM

* Birbhum Zila School
 Bolepure H. E. School
 Hetampur Raj School
 Kirnahar Sibchandra H. E. School
 Labhpore J. L. H. E. School
 Nakrakonda H. E. School
 Rampurhat H. E. School
 Bishnupur Rasamanjari School (Prov.)
 Kundala Kripasindhu Gobindachand
 School (Prov.)
 Nalhati Hariprosad H. E. School (Prov.)
 Rampurhat Union Institution (Prov.)
 Suri Benimadhab H. E. School (Prov.)

BOGRA

Adamdighi Iswar Puranjay H. E.
 School (Prov.)
 Bogra Coronation Institution
 *† Bogra Zila School
 * Naokhila P. N. H. E. School
 * Sherpur Diamond Jubilee H. E.
 School
 Sonatala H. E. School
 Chak Bochai H. E. School (Prov.)
 Gosaibari Amiruddin H. E. School
 (Prov.)
 Kagail Karunakanta Academy (Prov.)
 Kalai H. E. School (Prov.)
 Khanjanpur H. E. School (Prov.)
 Narchi H. E. School (Prov.)
 Shariakandi H. E. School (Prov.)
 Sukhanpukur H. E. School (Prov.)

BURDWAN

Asansol H. E. School
 Badla H. E. School
 Baidyapura George Institution
 Bhaita H. E. School
 * Burdwan H. E. School
 † Burdwan Raj Collegiate School

BENGAL—*contd.*BURDWAN—*contd.*

Chakdighi Saradaprosad Institution
 Dainhat H. E. School
 Dishargarh Ambicacharan Institution
 Ethora Srischandra Institution
 Ikhra Basantibijoy H. E. School
 Kalna Maharaja's School
 Katwa Kasiram Das Institution
 Kurhman N. C. Institution (Prov.)
 Mathrun N. K. Institution
 Memari Vidyasagar Memorial School
 Nasigram H. E. School
 Okersa H. E. School
 Patuli H. E. School
 Purbasthali H. E. School
 Putsari J. P. Institution
 Ramgopalpur H. E. School
 *† Raniganj H. E. School
 * Rayna H. E. School
 Searsole Raj School
 Torekona Jagatbandu Institution
 Ukhara H. E. School
 Sankri Bhubanmohan Institution
 (Prov.)
 Srikhanda H. F. School (Prov.)
 Tiluri Kripamayee H. E. School (Prov.)

CALCUTTA

Calcutta Academy
 " Aryan Institution
 " Aryya Mission Institution
 " Atheneum Institution
 " Bangabasi Collegiate School
 " Baptist Mission Girls H. E.
 School
 " Bethune Collegiate School
 * " Bishop's Collegiate School
 " Bowbazar High School
 * " Brahma Boys' School
 " Brahma Girls' School
 * " Central Collegiate School
 " Christ Church School
 *† " City Collegiate School
 * " Collins' Institute
 * " Cotton Institution
 * " Diocesan Collegiate School
 " Garden Reach C.M.S. School
 " Girls' High School
 *† " Hare School
 *† " Hindu School

CALCUTTA—*contd.*

* Calcutta High School
 " Keshav Academy
 " Khelatchandra Institution
 * " Kidderpur Academy
 " Knmar Radhaprasad Institution
 " L.M.S. Institution
 " Loreto House
 *† " Madrasa
 *† " Metropolitan Institution
 " " (Barabazar)
 *† " " (Bowbazar)
 " Mitra Institution
 * Calcutta Mitra Institution (Bhowanipur)
 " M. L. Jubilee Institution
 *† " Morton Institution
 " Narkeldanga George H. E.
 School
 * New Indian School
 *† " Oriental Seminary
 * " Ripon Collegiate School
 *† " Scottish Churches Collegiate
 School
 " Sanskrit Collegiate School
 " Shambazar Vidyasagar School
 " Seal's Free College
 *† " South Suburban School
 " Sri Visuddhananda Saraswati
 Vidyalaya
 " St. Anthony's School
 * " St. Mary's H.E. School
 " St. Paul's H.E. School
 * " Taltola H. School
 * " Town School
 " Training Academy
 " United Mission Girl's School
 " U. F. C. Girls' School
 " Ballyganj Jagatbandhu Inst.
 (Prov.)
 " Bengal Institution (Prov.)
 " Chetla Boy's School (Prov.)
 " Jorasanko H. School (Prov.)
 " Kalighat H. E. School (Prov.)
 † " Maharaja Cossimbazar Poly.
 technic Institute (Prov.)
 " North Suburban School (Prov.)
 " Oriental Training Academy
 (Prov.)
 " Rani Bhani's H. School
 (Prov.)

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BENGAL—*contd.*

CALCUTTA—(*contd.*)

- Calcutta Saraswat Kshatriya Institution (Prov.)
 „ Saraswati Institution (Prov.)
 „ Sri Maheswari Vidyalaya (Prov.)
 „ Sri Sanatan Dharma Vidyalaya (Prov.)
 „ Victoria Institution (Prov.)
 CHITTAGONG
 *† Chittagong Collegiate School
 † „ Government Moslem H. School
 „ H. E. School
 „ Municipal School
 „ National School
 Durgapore H. E. School
 Fatickcheri Coronation H. E. School
 Mahamuni Anglo-Pali School
 *Raozan R. R. Institution
 Saroatali P. C. Sen Institution
 Satkania H. E. School
 Abutorab Rajlakshmi H. E. School (Prov.)
 Anwara H. E. School (Prov.)
 Banagram H. E. School (Prov.)
 Chittagong J. M. Sen's Institution (Prov.)
 „ Dr. Khastagir's Girl's School (Prov.)
 „ Oriental Academy (Prov.)
 „ Umatara H. E. School (Prov.)
 Dhalghat H. E. School (Prov.)
 Fatehabad H. E. School (Prov.)
 Gasbaria Nityananda H. E. School (Prov.)
 Hathazari Parbati Institution (Prov.)
 Jafarnagore H. E. School (Prov.)
 Kheyachera H. E. School (Prov.)
 Kudurkhil H. E. School (Prov.)
 Noapara H. E. School (Prov.)
 Patia Rahatali H. E. School (Prov.)
 Poraikora-Nayantara Institution (Prov.)
 Roshangiri H. E. School (Prov.)
 Rangunia H. E. School (Prov.)
 Shakkpura H. E. School (Prov.)
 Sitakundu H. E. School (Prov.)
 Zorwarganj Ramsundar Ramgour H. E. School (Prov.)

CHITTAGONG HILL TRACTS.

- *Rangamati Govt. H. E. School

DACCA.

- Abdullapore H. E. School.
 Araihaazar H. E. School
 Autshahi Radhanath H. E. School
 *Bajrajogini H. E. School
 Banari H. E. School
 Bandhura Gobindapur Holy Cross H. E. School
 Baradi H. E. School
 *Beltali Gangaprasad Jagannath H. E. School
 *Bhagyakul Harendralal H. E. School
 Brahmanbhita Union H. E. School.
 Chanchartola Siddeswari A. C. High School
 *Dacca Armanitola Govt. School
 *† „ Collegiate School
 „ East Bengal Institution
 * „ Eden Female School.
 „ Government Moslem School
 „ Imperial Seminary
 *† „ Kisorilal Jubilee School
 „ Pogose School
 „ Ukil's Institution
 Duptara Central Coronation School
 *Hashara Kalikisore H. E. School
 *Ichhapara H. E. School
 † Jaidebpur Rani Bilasmoni H. E. School
 *Kaliganj Raja Rajendra Narayan H. E. School
 *Kalma Lakshmi Kant H. E. School
 Kazirpaga A. T. Institution
 Lohaganj H. E. School
 *Malkhanagar H. E. School
 *Manickganj H. E. School
 *Munshiganj H. E. School
 Murapara Victoria High School
 *Narayanganj H. E. School
 Paikpara Union H. E. School
 *Rowile H. E. School
 Satirpara Kalikumar Institution
 Solaghar Sir Chandramadhab H. E. School
 *Sonakonda B. M. Institution
 Sonargram Gangabasi Ramchandra Institution

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BENGAL—*contd.*DACCA—*contd.*

*Swarnagram Radhanath H. E. School
 Telirbagh K. M. D. M. Institution
 Teota Academy
 Adiabadi Islamia High School (Prov.)
 Ariel Swarnomayi H. E. School (Prov.)
 Balapore Nabinchandra H. E. School
 (Prov.)
 Baliati Iswarchandra H. E. School
 (Prov.)
 Binodepur Ramkumar H. E. School
 (Prov.)
 Brahmangaon H. E. School (Prov.)
 Dacca Nabakumar High School (Prov.)
 Dhamrai Hardinge H. E. School (Prov.)
 Dhankora Nabins' H. E. School (Prov.)
 Galimpore Rahamania H. E. School
 (Prov.)
 Kukutia Kamalakanta Institution (Prov.)
 Lakhpur Simulia H. E. School (Prov.)
 Mirpur Siddhanta H. E. School (Prov.)
 Nawabganj H. E. School (Prov.)
 Rajdia Abhay H. E. School (Prov.)
 Sabhar Adharchandra H. E. School
 (Prov.)
 Sadasadi H. E. School (Prov.)
 Shekharanagar Rai Bahadur Sreenath
 Institution (Prov.)
 Shibpore H. E. School (Prov.)
 Simulia Syamaprasad H. E. School
 (Prov.)
 Sonarang H. E. School (Prov.)

DARJEELING

*†Darjeeling High School
 * „ Maharani's Girl's School
 (Prov.)
 Siliguri H. E. School (Prov.)

DINAJPUR.

*Balurghat H.E. School
 *†Dinajpur Zila School
 Raiganj Coronation School
 Thakurgaon H.E. School
 Dinajpur H.E. School (Prov.)
 Dinajpur Town H.E. School (Prov.)
 Rajrampur Ezachiel School (Prov.)

DINAJPUR—*contd.*

Ramganj Buddhinath H.E. School
 (Prov.)

FARIDPUR

Baishrashi Sivasundari Academy
 Bajitpur Rajkumar Edward Institution
 Bhanga H.E. School
 Bijhari H.E. School
 Chikandi H.E. School
 †Domshar Jagatchandra Institution
 *Faridpur Isan Institution
 *Faridpur Zila School
 Fakura Madanmohan Academy
 *Goalunda H.E. School
 Gopalganj Mathuranath H.E. School
 Idilpur H.E. School
 Kartickpur H.E. School
 Khankhanapur Sarojmohini H. E.
 School
 Kotwaipara Union Institution
 *Lonsing H.E. School
 *Madaripur H.E. School
 Olpur Purnachandra H.E. School
 Orakandi High School
 Palong H. E. School
 Panditsar H. E. School
 *Rajbari Raja S. K. Institution
 Tulasar Gurudas H. E. School
 Amgram H.E. School (Prov.)
 Baliakandi H. E. School (Prov.)
 Bhadrasan Golindachandra H. E.
 School (Prov.)
 Boalmari George School (Prov.)
 Gopalganj Sitanath School (Prov.)
 Gopinathpur H.E. School (Prov.)
 Habaspore Kasimbazar H.E. School
 (Prov.)
 Kaneswar S. C. Edward School (Prov.)
 Karakdi Rashbihari H.E. School (Prov.)
 Kasiani H. E. School (Prov.)
 Khatia Rajaram Institution (Prov.)
 Madaripur Islamia School (Prov.)
 Manikdaha Lilabati Seminary (Prov.)
 Mustafapur H.E. School (Prov.)
 Pangs George School (Prov.)
 Rudrakar H.E. School (Prov.)
 Rupapat Bamanchandra Academy
 (Prov.)
 *Sibchar Nandkumar H. School (Prov.)

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BENGAL—*contd.*

HOWRAH.

Amta H.E. School
 Andul H. E. School
 Bagnan H. E. School.
 †Bali Rivers Thompson School
 Baluhati H. E. School
 Bajeshibpur B. K. Pal's Institution
 „ Bantra Madhusudan Pal Chau-
 dhuri Institution
 Garbhawanipul H. C. E. School
 Howrah I. R. Belileos' Institution
 „ Ripon Collegiate School
 „ Zila School
 Jagatballavpur H. E. School
 Jaypur Phakirdas Institution
 Jhapardah Duke Institution
 Jhikra H. E. School
 Maju R. N. Basu's School
 Mugkalyan H. E. School
 Narit Nayaratra Institution
 Panitras H. E. School
 Rashpur H. E. School
 Salkia A. S. School
 Shashati Nahala Abinas H. E. School
 †Sibpur H. C. School
 Uluberia H. E. School
 Chaltakhali Bharatchandra Rai Gunakar
 School (Prov.)
 Jujersa Prannath Manna Institution
 (Prov.)
 Kalna H. E. Rector-Governor's
 Institute (Prov.)
 Kolia Amir Ali School (Prov.)
 Pantihal Damodar Institution (Prov.)
 Pirpur Jaynagore H. E. School (Prov.)
 Salkia Hindu School (Prov.)
 Shibganj H. E. School (Prov.)
 Sankrail Abhay School (Prov.)
 Udainarayanpur Saradacharan Institu-
 tion (Prov.)

HUGHLI.

Arambag H.E. School.
 Bagati H. E. School
 Baidyabati Banamali Mukerjee Institu-
 tion
 Balagarh H. E. School
 Bhanderhati B. M. Institution
 Bhastara Jajneswar H. E. School

HUGHLI—*contd.*

*Boinchi B. L. Mukerjee's Free Institu-
 tion
 Chandernagore Duplex College
 *†Chatra Nandalal Institution
 *Chinsurah Training Academy
 U. F. C. Mission High
 School
 Dasghara H. E. School
 Garalgacha H. E. School
 Garbati H. E. School
 Guptipara H. E. School
 Haripal Gurudayal H. E. School
 * Hughli Branch and Model School
 „ Collegiate School
 Ilsoha Mondlai H. E. School
 Itachona Srinarayan Institution
 Janai Training School
 Kaikala H. C. E. School
 Khanakul Krishnagore Jnanada Ins-
 titution
 Konnagar H. E. School
 Seakhala Benimadhab Institution
 Sekanderpur Rai K. P. Pal's Free
 H. E. School
 * Serampur Collegiate School
 „ Union Institution
 Singur Mahamaya Institution
 Somra D. C. H. E. School
 Telinipara Bhadreswar H. E. School
 * Uttarpura Govt. School
 Badanganj H. E. School (Prov.)
 Jangipara Dwarkanath Institution (Prov.)
 Rajbalhat H. E. School (Prov.)

JALPAIGURI.

Debiganj Nripendranarayan H. E.
 School
 *†Jalpaiguri Zila School
 Alipur Duar Institution (Prov.)
 Jalpaiguri Phanindra Deb Institution
 (Prov.)

JESSORE.

Abaipur Ramsundar Institution
 Baghutia Bibhagdi H. E. School
 Binodepur B. K. H. School
 Bongong H. E. School
 Gangarampur P. K. Institution

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BENGAL—*contd.*JESSORE—*contd.*

Itna H. E. School
 Jaypur Lohagara Institution
 * Jessore Sammilani Institution
 * Jessore Zila School
 Jheniadah H. E. School
 Joradah H. E. School
 Kalia Remodelled H. E. School
 Kotchandpur H. E. School
 * Laksmipasa D. C. Institution
 Magura H. E. School
 Mahespur H. E. School
 Narail Subdivisional H. E. School
 " Victoria Collegiate School
 Panjia H. E. School
 Sailkupa H. E. School
 Benipur H. E. School (Prov.)
 Bidyanandakati Rashbihari Institution
 (Prov.)
 Khasial H. E. School (Prov.)
 Nakol Raicharan Institution (Prov.)
 Patna Academy (Prov.)
 Siddhipasa Pulnibihari High School
 (Prov.)
 Sripur M. C. H. School (Prov.)
 Supalakati H. E. School (Prov.)

KHULNA

Ajagorah H. E. School
 Babulia J. S. H. E. School
 * Bagerhat H. E. School
 * Bahirdia H. E. School
 Banagram Century Institution
 * Daulatpur H. E. School
 Dhandia Union Institution
 Fultala Reunion School
 Karapara H. E. School
 Khaliskhali Magura Saradacharan
 Institution
 Khalispur H. E. School
 Khararia H. E. School
 * Khulna Zila School
 Miksimil Rudhagara H. E. School
 Nakipur H. E. School
 Naldia H. E. School
 Nalta H. E. School
 Nawapara George Coronation H. E.
 School
 Paigram Kasba H. E. School

KHULNA—*contd.*

Rangdia H. E. School
 Raruli R. K. B. K. H. School
 Satkhira Prannath Institution
 Senhati H. E. School
 Tala B. De Institution
 Baruipara P. C. Institution (Prov.)
 Chirulia H. E. School (Prov.)
 Daibajnahati Bisweswar H. E. School
 (Prov.)
 Goalmath Union School (Prov.)
 Khulna B. K. Union Institution (Prov.)
 Kumira H. E. School (Prov.)
 Masni H. E. School (Prov.)
 Town Sripur H. E. School (Prov.)

MALDAH

Chanchal Siddheswari Institution
 *† Maldah Zila School
 Nawabganj H. M. Institution
 Bholahat Rameswar Institution (Prov.)
 Kansat H. E. School (Prov.)
 Maldah Akrurmani School (Prov.)
 Nagharia H. E. School (Prov.)

MIDNAPUR

Basantia H. E. School
 Birsingha Bhagabati Vidyalay
 Chandrakona Jirhat H. E. School
 *Contai H. E. School
 Contai Model School
 *Garbeta H. E. School
 Ghatil H. E. School
 Gopalnagoze Kerr Institution
 Jirphala Krishnamohan Institution
 Jara H. E. School
 Kharagpur B. N. R. Indian H. E. School
 Mahisadal Raj H. E. School
 *† Midnapur Collegiate School
 *Midnapur Hindu School
 *Midnapur Town School
 Pingla Krishnakamini Institution
 *Tamluk Hamilton School
 Ashadtalia Coronation H. E. School
 (Prov.)
 Bahiri Bradley-Birt H. E. School (Prov.)
 Haria H. E. School (Prov.)
 Mugberia Gangadhar H. E. School (Prov.)

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BENGAL—*contd.*

MIDNAPUR—*contd.*

Nandigram Carmichael Institution (Prov.)
 Panchetgarh H. E. School (Prov.)
 Panskura Bradley-Birt H. School (Prov.)
 Parbatipur Patitpabani H. E. School (Prov.)
 Raghunathbari Ramtarak H. School (Prov.)

MURSIDABAD

Beldanga Gobindasundari H. C. E. School.
 *Berhampur Krishnath Collegiate School
 Bhagirathpur H. E. School
 Dumkal H. E. School
 *Gokarna P. M. H. School
 Islampur H. E. School
 Jangipur H. E. School
 *Jiaganj F. C. Institution
 Kagram H. E. School
 Kanchantala J. D. J. Institution
 Kandi Raj H. E. School
 *Khagra L. M. S. School
 *†Mursidabad Nawab Bahadur's Institution.
 Nimtita Gausunder Dwarkanath Institution
 Panchthupi T. N. Institution
 Saktipur K. M. C. Institution
 Salar Edward II. E. School
 Banwaribad H. E. School (Prov.)
 Gulhatia H. E. School (Prov.)
 Gorabazar Iswarchandra School (Prov.)
 *Lalgola M. N. Acedemy (Prov.)
 Saidabad Hardinge School (Prov.)
 Sijgram Hosainabad Carey H. School (Prov.)

MYMENSINGH

*Bajitpur H. E. School
 *Dhalla H. E. School
 *Gaffargaon Islamia H. E. School
 Gauripur Rajendrakisore H. E. School
 *Hemnagar Sasimukhi H. E. School
 *Jamalpur Donough School

MYMENSINGH—*contd.*

Jamurki Sir Nawab Abdul Gani H. E. School
 *Kisorganj H. E. School
 *Muktagacha Ramkishore H. School
 *Mymensingh City Collegiate School
 *† „ Mrityunjay School
 * „ Vidyamai Girl's H. School
 * „ Zilla School
 Nagarpur Jadunath H. E. School
 *†Netrokona Dutt H. E. School
 *Pakutia Brindabanchandra H. E. School
 *Pingna H. E. School
 *Ramgopal P. J. K. H. School
 *Santosh Jahuavi School
 *Sherpur Victoria Academy
 *Tangail Bindubasini School
 Achmita George Institution (Prov.)
 Asujia Jaynath Coronation Institution (Prov.)
 *Balla Coronation H. School (Prov.)
 Balijuri Fazal School (Prov.)
 Banagram Ananda Kisore H. School (Prov.)
 Barhatta Coronation School (Prov.)
 Chandipassa H. E. School (Prov.)
 Darirampur H. E. School (Prov.)
 Deotukan Harakisore H. E. School (Prov.)
 Dewanganj Co-operative H. E. School (Prov.)
 Dhuberia Sefiatulla School (Prov.)
 Digpit H. E. School (Prov.)
 Gopaldighi Katoha Pujan Union H. E. School (Prov.)
 Iswarganj Bisweswari H. E. School (Prov.)
 Islampore Nekjahan H. E. School
 Jatia H. E. School (Prov.)
 Kalihati Ramgati School (Prov.)
 Kanihari Biswanath School (Prov.)
 Kandipara H. E. School (Prov.)
 *Karatiya Hafiz Ali School (Prov.)
 Kendua Spry Institution
 Kissoreganj Azimuddin School (Prov.)
 „ Ramananda School (Prov.)
 Kodalia Saharulla Islamia H. E. School (Prov.)

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BENGAL—*contd.*MYMENSINGH—*contd.*

Mirzapur Sadai Krishna H. E. School (Prov.)
 Mymensingh Edward Institution (Prov.)
 Netrokona Anjuman School (Prov.)
 Netrokona Gour Sundar H. E. School (Prov.)
 Noapara H. E. School (Prov.)
 Purbadhala Jagatmani H. E. School (Prov.)
 Sandikona H. E. School (Prov.)
 Sherpur Town Gobinda Kumar Peace Memorial Institution (Prov.)
 Singajani H. E. School (Prov.)
 Susang Kumudchandra Memorial H. E. School (Prov.)
 Tangail Sivanath H. E. School (Prov.)

NADIA

Alamdanga H. E. School
 Amla Sadarpur H. E. School
 Belpukur H. E. School
 Bhajanghat H. E. School
 Chakdah Ramlal Academy
 Chuadanga V. J. School
 Damurhuda H. E. School
 Gosain Durgapur H. E. School
 Harinarayanpur H. E. School
 Jamsherpur B. N. H. School
 Juniadah H. E. School
 Khoksa Janipur H. E. School
 *Krishnagar A. V. School
 " C. M. S. St John's High School
 *† " Collegiate School
 Kumarkhali M. N. H. School
 *Kushtia H. E. School
 Majdia Railbazar H. E. School
 Meherpur H. E. School
 Muragacha H. E. School
 Nabadwip Hindu School
 *Ranaghat Palchaudhuri H. E. School
 *Santipur Municipal School
 " Oriental Academy
 Sikarpur H. E. School
 Sudhakarpur H. E. School
 Sutragarh Maharaja Nadia H. E. School
 Dhoradaha H. E. School (Prov.)
 Memnagar H. E. School (Prov.)
 Natudah H. E. School (Prov.)

NOAKHALI.

Chatkhil Panchgaon Gupta H. School
 *Feni H. School
 *Lakshmipur H. E. School
 Noakhali Rajkumar Jubilee School
 *Noakhali Zila School
 *Sandvip Cargil Institution
 Amirabad H. E. School (Prov.)
 Basurhat Abdul Halim Coronation H. E. School (Prov.)
 Begumganj H. E. School (Prov.)
 Charmatura Pannamia School (Prov.)
 Chagalnaya H. E. School (Prov.)
 Dattapara Ramratan H. E. School (Prov.)
 Ferosganj H. E. School (Prov.)
 Feni Institution (Prov.)
 Hatiya Institution (Prov.)
 Khilpara H. E. School (Prov.)
 Mangalkandi H. E. School (Prov.)
 Muhammadpur Ramendra H. School (Prov.)
 Noakhali Ahmedia School (Prov.)
 " Arunchandra H. E. School (Prov.)
 Raipur George Coronation H. School (Prov.)
 Rajganj Union School (Prov.)
 Ramganj Madhupur School (Prov.)
 Sonaimuri H. E. School (Prov.)

PABNA.

Bera Bipinbihari H. E. School
 Chatmahar Sambhunath H. E. School
 Chaubari Islamia H. E. School
 Harina Bagbati H. E. School
 Jamirta H. E. School
 †Pabna Institution
 *†Pabna Zila
 Parjana M. N. H. E. School.
 *Patazia H. E. School
 Radhanagar Majumdar's Academy
 Salap H. E. School
 *Serajganj B. L. High School
 *Serajganj Victoria School
 *Sahazadpur H. E. School
 Sthal Pakrasi H. E. School
 Ullapara Merchant's Institution
 Banwarinagar Coronation Banamali Institution (Prov.)

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BENGAL—*contd.*

PABNA—*contd.*

Daulatpore H. E. School (Prov.)
 Dhobakhola Coronation Institution
 (Prov.)
 Khalilpur H. E. School (Prov.)
 Mohanpur Kshitimehan H. E. School
 (Prov.)
 Pabna Arayan Academy (Prov.)
 Sara Marwari H. E. School (Prov.)
 Sohagpur Syamkisore H. E. School
 (Prov.)

RAJSHAHI,

Dighapatia P. N. H. E. School
 Dhubalhati Raja Haranath High
 School
 *Naogaon K. D. H. E. School
 *†Nattore Maharaja's High School
 Puthia P. N. High School
 *†Rajshahi Bholanath Academy
 *†Rajshahi Collegiate School
 Arani H. E. School (Prov.)
 Chak Atitha H. E. School (Prov.)
 Chaugram H. E. School (Prov.)

RANGHORE.

*Gaibandha H. E. School
 *Kokina Mahimaranjan Memorial
 H. E. School
 Kurigram H. E. School
 *Nilphamari H. E. School
 Rangpur Kailasanjan H. School
 *†Rangpur Zila School
 *Saidpur H. E. School
 Tajhat H. E. School
 Ulipore Maharani Swarnamoyee H. E.
 School
 Gaibandha Islamia High School (Prov.)
 Gobindaganj H. E. School (Prov.)
 Kundi H. E. School (Prov.)
 Mahimaganj H. E. School (Prov.)
 Tulsighat Kasinath H. E. School
 (Prov.)

TIPPERAH.

Agartalla Umakanta Academy
 Baburhat H. E. School

TIPPERAH—*contd.*

Bangora Umalochan H. E. School
 *Brahmanberia Annada High School
 " Edward Institution
 " George H. E. School
 Chandpore Hasan Ali Jubilee School
 *Comilla Yusuff H. E. School
 " Victoria Collegiate School
 †* " Zila School
 Elliotganj H. E. School
 Gokarna Syed Waliullah H. E. School
 Harina Chalitatali H. E. School
 Kasba H. E. School
 Muradnagar Durganarayan H. E. School
 Nabinagore H. E. School
 Paschimgaon Badrunessa H. E. School
 Sarail Ananda High School
 Syamagram Mohinikisore H. E. School
 Ujanchar K. N. H. E. School
 Barkanta H. E. School (Prov.)
 Bidyakut Amar H. E. School (Prov.)
 Bitgarh Radhanath H. E. School (Prov.)
 Bualia H. E. School (Prov.)
 Chandpur Ghani H. E. School (Prov.)
 Cheora H. E. School (Prov.)
 Comilla Iswari Pathsala H. E. School
 (Prov.)
 Debagram H. E. School (Prov.)
 Fatehpur K. G. H. E. School (Prov.)
 Hajiganj H. E. School (Prov.)
 Ibrahimpore George High School
 (Prov.)
 Jhapore Kamalakanta H. E. School
 (Prov.)
 Matlabganj H. E. School (Prov.)
 Mehar-Shahapur Satindra H. E.
 School (Prov.)
 Raipur K. C. H. E. School (Prov.)
 Rupasdi Brindaban H. E. School
 (Prov.)
 Rupsa Ahmedia H. E. School (Prov.)
 Sachar H. E. School (Prov.)
 Salimgunj H. E. School (Prov.)
 Sinhergaon Gobinda High School
 (Prov.)

HILL TIPPERAH.

Bilonia Brajendrakisore H. E. School
 (Prov.)
 Kailasahar H. E. School (Prov.)

* Authorised to teach Geography.

† Authorised to teach Elementary Mechanics.

BENGAL—*contd.*

24-PARGANAS.

Ariadaha Kalachand H. E. School
 *Baharu H. E. School
 *Barahanagore Victoria H. E. School
 Barasat H. E. School
 Barisa H. E. School
 *Barrackpore Govt. H. School
 Baruipore H. E. School
 Basirhat H. E. School
 Bawoli H. E. School
 Behala H. E. School
 Bishnupur Sir Rameschandra H. E. School
 Boral H. E. School
 Dhankuria H. E. School
 *Diamond Harbour H. E. School
 Gobardanga H. E. School
 Gustia K. M. H. E. School
 Halisahar H. E. School
 Harinabhi H. E. School
 Hatuganj M. N. K. H. School
 Jaynagore Institution
 *Kamarhati Sagore Dutt Free School
 Mahestola H. E. School
 Majilpur J. M. Training School
 Naihati Mahendra School
 Naldanga Bhusan H. E. School
 *Nawabganj S. B. H. School
 Nibadhi H. E. School
 Panihati Trannath H. E. School

24-PARGANAS—*contd.*

Sarisa H. E. School
 Sodepur H. E. School
 South Garia Bompas H. E. School
 *Taki Govt. School
 Arbelia J. V. H. E. School (Prov.)
 Barrakpur Debiprasad H. School (Prov.)
 Budge Budge P. K. H. School (Prov.)
 Karanjali H. School (Prov.)
 Magrahat Anglo Oriental School (Prov.)
 Rajibpore Anglo Vern. School (Prov.)
 Samnagore Kanticharan H. E. School (Prov.)
 Sarangabad H. E. School (Prov.)

COOCH-BEHAR..

*†Cooch-Bihar Jenkins School
 *Dinhata H. E. School
 Mathabanga H. E. School
 Mekliganj H. E. School
 Tufanganj Nripendranarayan H. School (Prov.)

NEPAL.

Nepal Durbar H. E. School

* Authorised to teach Geography.

† Authorised to teach Elementary Mechanics.

XIX.

TEXT=BOOKS.

I. ARTS & SCIENCE.

In all cases where reference is made to Chapters, Sections, Pages or Lines thus (Chaps. I-III), the reference is to be understood as inclusive.

MATRICULATION EXAMINATION, 1920.

ENGLISH.

The following works are recommended to indicate the standard of knowledge to be demanded of candidates at the Matriculation Examination in 1920:—

Prose.

Defoe	... Robinson Crusoe (any school edition)
Lamb	... Tales from Shakespeare
Hunter	... Readings from Indian History, Part III
M. A. Hamilton	... Greek Legends (Oxford Press)
Harrap	... Stories from Old Testament
Scott	... Ivanhoe (any school edition)
Gandy	... Pandava Princes (Macmillan)
Nelson Fraser	... World at War, 3rd edition (Oxford Press)
Macaulay	... Stories from Chaucer (Cambridge Press)
Fournier	... Wonders of Physical Science (Macmillan)

Arabian Nights (any school edition).

Washington Irving (University Selections, new edition).

Select Readings from English History (Published by the University).

Poetry.

Lahiri's Select Poems, Revised edition, published by the Calcutta University.

Jennings	... English Poems, Part I. (Macmillan)
Palgrave	... Children's Treasury, Part I. (Macmillan)

VERNACULAR COMPOSITION.

BENGALI.

(Books recommended to be read as presenting models of style.)

Iswarchandra Vidyasagar	... Sitar Banabas
Rajanikānta Gupta	... Prativa
Chandranath Basu	... Sanjam Siksha
Akshay Kumar Datta	... Charupath, Part II
Dineschandra Sen	... Jada Bharata
Bijāyachandra Majumdar	... Prāchin Sabhyata

HINDI.

(Books recommended to be read as presenting models of style.)

Balbharat ... Indian Press, Allahabad

Upadesa Kusumakar (excluding Poetry pieces), Khadgavilas Press, Bankipur.

URIYA.

*(Books recommended to be read as presenting models of style.)*Mrityunjay Kavyatirtha ... Prabandhapathaa
Madhusudan Rao ... Prabandhamala

ASSAMESE.

*(Books recommended to be read as presenting models of style.)*Satyanath Borah ... Sahitya-bichar
Lakshminath Bezborah ... Sadhu Kathar Kuki
Hemchandra Baruya ... Pathamala

BURMESE.

*(Books recommended to be read as presenting models of style.)*Mahazanakka
Withandaya
Temi

KHASI.

*(Books recommended to be read as presenting models of style.)*Ka Jingsiathukhana Puriskam (Khasi Folk Tales), by U. Rabon Sing
Book of Proverbs in Khasi (p. 740 of Khasi Bible)

MODERN TIBETAN.

*(Books recommended to be read as presenting models of style.)*Bay Chos
Namthar of Mi-la-ras-pa

URDU.

*(Books recommended to be read as presenting models of style.)*Taubat-un-Nasuh, by Nazir Ahmad
Aina-i-Ibrat, by Suhrawardya Begum
Urdu-i-Mu'alla of Ghalib

NEPALI.

*(Books recommended to be read as presenting models of style.)*Shri Vijnan Vilas ... Bharatbarsako Itihas
Matiram Bhatta ... Marina Charitra
Sankshipta Ramayan

MATHEMATICS.

No text-books are prescribed or recommended. The subject is to be studied in accordance with the syllabus prescribed in the Regulations of the University.

SANSKRIT.

The following portions of the Calcutta University Sanskrit Selections:—

Part I—Prose—Edition of 1917.

Panchatantram	... Page 1—3, 29—51
Hipadesa	... „ 52—96

(Note.—Pages 52-96 of the edition of 1917 correspond to pages 87-131 of the edition of 1915).

Part II—Poetry—Edition of 1911.

Kusalaba-o-Ramayanaganam and Rabana Saktyahataya Lakshmanasya Punarut- thanam	... Pages 136—149
Dhritarashtrabilapa	... „ 199—209

Grammar.

Elementary Sanskrit Grammar, by Dr. G. Thibaut, published by the University

PALI.

Prose.

Anderson's Pali Reader	... Pages 1—43, omitting Radha Jataka, Nacca Jataka and Sussondi Jataka
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Poetry.

Dipavamsa	... Bhanavaras, I—V
Khuddaka Patha	... Mangala Sutta

Grammar.

Balavatara	... Edited by Dr. Satischandra Vidya- bhushan and Samana Punnananda (in preparation).
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CLASSICAL TIBETAN.

Course of Studies in Classical Tibetan Edited by Dr. E. D. Ross, Ph. D., C.I.E.

PERSIAN.

University Selections compiled and edited by Dr. E. D. Ross, C.I.E., Ph. D., for the Matriculation Examination, omitting pages 1-5 and 43-56.

Grammar.

The following books are recommended:—

Dastur-i-Parsi-Amoz, Part I or Miftah-ul-Quwaid

ARABIC.

University Selections compiled and edited by Dr. E. D. Ross, C.I.E., Ph. D., omitting pages 4-10 and 52-57.

Grammar.

A book on Arabic Grammar to be published by the University.

HEBREW.

Genesis	... 1-14
Isaiah	... 1-6
Psalms	... 119

Davidson's Hebrew Grammar is recommended.

ARMENIAN.

Elishe's History of the War of the Vardanians, Parts I and II.

Elishe Vardapet Dorian's "Course of Classical Armenian," Part I (Prose and Verse).

SYRIAC.

Text.

Gospel of St. Matthew (Peshitto version), Chapters V—VII.

Gospel of St. John (Peshitto version), Chapters I—VII.

St. Ephraem "on Wisdom," I—XX.

Grammar.

T. H. Robinson's Syriac Grammar, Sections I—XX.

GREEK.

Xenophon	... Anabasis, Book II
Euripides	... Hecuba
New Testament	... The Gospel according to St. Mark Chapters I—VI

LATIN.

Cæsar	... De Bello Gallico, Books IV and V
Virgil	... Aeneid, Book III

FRENCH.

Erckmann Chatrian	... Waterloo (Macmillan & Co.)
Racine	... Britannicus

GERMAN.

Prose.

Die Ahnen, Part I, by Gustav Freytag (Macmillan)

Poetry.

A Book of Ballads, by Wilhelm Wagner. (Cambridge University Press.)

MATRICULATION TEXT-BOOKS, 1920.

BENGALI.

(For female candidates.)

Kasiramdas	... Mahabharata (Vanaparba)—Edited by Dineschandra Sen or Jogindranath Bose
Hemchandra Banerjee	... Bharat Bhiksha ; Michaeler Swargarohan
Bimala Dasgupta	... Uttara Ramacharita
Abinaschandra Basu	... Manabcharita
Rajendranath Kanjilal	... Mahabharatiya Nitikatha, Part I
Tarakumar Kaviratna	... Kathasara
Dineschandra Sen	... Grihasri
Manukumari Basu	... Subhasadhana
Kalikrishna Bhattacharyya	... Banger Ratnamala, Parts I and II

URDU.

(For female candidates.)

Aina-i-Ibrat, Part I. by Suhrawardya Begum.
Mirat-ul-Urus, by Nazir Ahmad, pages 23—54. (Newal Kishore's edition.)
Kitab Panchwin Hissa Na'm, published by Anjuman-i-Hemait-i-Islam, Lahore.

ASSAMESE.

(For female candidates.)

Text.

Sarathi	... Sātyanath Bora
Nitisiksha, Part III	... Padmanath Barua
Anjali	... Durgeswar Sarma

Grammar.

Any of the following :—	
Assamiya Byakaran	... Loknath Sarma
Assamiya Byakaran	... Hemnath Barua

KHASI.

(For female candidates.)

Text.

Ka Jingiathukhana Puriskan (Khasi Folk Tales), by U. Rabon Sing.
Book of Proverbs in Khasi (p. 740 of Khasi Bible).

Grammar.

Hints on Study of Khasi Language, by U. Nissor Singh.

BURMESE.

(For female candidates.)

Mahazanakka and Werhandaya. (To be read as models of Burmese style.)
Questions will not be asked on subject-matter. The examination will include—
Translation from English into Burmese.
Questions on Composition.
An essay (heading being given).

MATRICULATION TEXT-BOOKS, 1920.

HINDI.

(For female candidates.)

Ramjilal Sarma	... Balarainayana
Tulsidas	... Ramayana, Sundara Kanda

URIYA.

(For female candidates.)

Mrityunjay Kavyatirtha	... Prabandhapatha
Madhusudan Rao	... Prabandhamala

HISTORY.

History of India

The following books on Indian History are recommended to indicate the standard of knowledge required:—

Adharchandra Mukherjee	... A Short History of the Indian People (revised edition, 1910)
Haraprasad Sastri	... History of India (revised edition, 1907, or later)
Sir Willam Hunter	... Brief History of the Indian Peoples
R. C. Dutt	... A Brief History of Ancient and Modern India, brought up to date by J. N. Gupta, M.A., I.C.S.
A. F. Rudolf Hoernle and H. A. Stark	... History of India (Hindu Period only)
C. R. Wilson	... History of India, revised edition (British Period only)
Rapson	... Ancient India (Cambridge University Press)
Karim and Ghosh	... Students' History of India (revised edition, 1910)
Vincent A. Smith	... The Students' History of India
M. Prothero and Vidyabhushan Lethbridge	... Primer of the History of India
Kaliprasanna Bandyopadhyay	... History of India (Macmillan & Co.)
Nrisinhachandra Mukhopadhyay	... Bharatbarser Itihas (History of India in Bengali)
Rajanikanta Gupta	... Matriculation History of India in Bengali
	... Bharatbarser Itihas (History of India in Bengali)

Administration and Progress of India under British Rule.

N. N. Ghose	... England's Work in India, revised edition, 1915
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GEOGRAPHY.

The following books are recommended as indicating the methods of study as well as the standard of knowledge required:—

A. J. Herbertson	... The Oxford Geographies, Vol. II.
	The World with fuller treatment of India (Longman's Geographical Series for India, Book II).
J. F. Unstead	... The Practical Geography, Parts I and II.

MATRICULATION TEXT-BOOKS, 1920.

The following books are recommended for the use of teachers :—

Blanford	... The Rudiments of Physical Geography for the use of Indian Schools.
Frew	... A Regional Geography of the Indian Empire. (Blackie & Son.)
Wallis	.. The Teaching of Geography (Cambridge University Press.)
O'Malley	... Bengal, Bihar and Orissa, Sikkim, (Macmillan & Co.)

The following book is recommended for the use of teachers in connection with the teaching of " Sand Modelling " in the lower classes of schools :—

A. E. Frye	... The Child and Nature
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Every school that intends to undertake instruction in Geography for the Matriculation Examination is required to possess the apparatus mentioned in the following list :—

I.—The total cost need not exceed Rs. 65—

1. A measuring tape.
2. A magnetic compass.
3. Squared paper and tracing paper.
4. Clay, dry sand, paper pulp for modelling.
5. A globe, not less than $\frac{1}{2}$ inches in diameter, with writing surface, and with line of latitude and longitude, and outlines, only of the landmasses, marked upon it.
6. A map of the school locality on a scale of 4" or 6" = 1 mile.
7. A map of the district in which the school is situated on the scale 1" = 1 mile.
8. A coloured map of the Province.
9. A coloured political map of India.
10. A physical map of India.
11. A relief map of India.
12. A map of the world on Mollweide's equal area projection and a map of Asia.

It is essential that the students should be provided with atlases, or with the necessary hand-maps. Maps for school work should not contain too much detail, or be crowded with names.

II.—The following additional equipment is recommended when it can be provided, but that lack of it is not to be considered as a bar to the recognition of the school in Geography :—

1. A thermometer.
2. A mercury barometer
3. A rain-gauge.
4. A small collection of typical rocks, in particular those of the Province and of India.
5. A small museum of typical products.
6. A good standard atlas.
7. Geographical pictures.
8. Magic lantern and slides.

The attention of teachers is requested to the raised maps of Bengal and Eastern Bengal and Assam made of paper pulp, prepared by Babu Kailaschandra Datta, Head Pandit, Habiganj Government Girls' School, Sylhet, and sold for Rs 7 and Rs. 5, respectively.

(2) Globes of all kinds are made by George Philip and Son, London, W. and A. K. Johnston, London, and Messrs. Ruddiman Johnston, London.

Small hand globes of German make can be obtained through the Indian School Supply Depot for about a rupee each.

(3) The "Comparative" series of large wall maps of the continents published by George Philip and Son is good and up to date; so also are the Orographical wall maps published by Edward Stanford. Messrs. Ruddiman Johnston publish a series of smaller wall maps which includes maps of India illustrating various distributions.

Messrs. Nelson's wall atlases are good. Mr. S. B. Chatterjee publishes District Maps: also ordinary and relief maps of the Province.

Babu L. M. Basu, the drawing master of the Dacca Collegiate School, has published good relief maps of Eastern Bengal and Assam and of India.

The Vidal-Lablache French wall maps on strong cardboard, named on one side, and the same map without names on the reverse, published by Armand Colin, Paris, are good and cheap. They measure 46 inches by 39 inches and can be delivered in Calcutta for Rs. 4-14 each.

(4) The hand maps, coloured to indicate relief, published by the Diagram Company, West Barnes Lane, New Malden, Surrey, at one penny each are the best of their kind.

The uncoloured half-penny maps showing river systems and a few towns published by the same Company, are excellent for class use.

The autograph hand maps, with hill shading in brown, published by Edward Stanford, London, at one penny each, are very good, and are larger than the Diagram Company's hand maps. The 15 inches map of the world on Mollweide's equal area projection is specially to be commended.

(5) Wall pictures of considerable artistic merit are published by Messrs. Edward Arnold of Leeds, Messrs. Hachette of Paris, and Messrs. Hötzel of Vienna, and Messrs. Longmans, Green & Co. They cost, delivered in India, from two to three rupees each.

Map lantern slides and view slides especially prepared for Geography teaching are sold by the Diagram Company for two or three shillings each. Mr. Bartington Smith of Dacca also sell good picture slides of the Himalayas at Rs. 15 per dozen.

ELEMENTARY MECHANICS.

The following book is recommended:—

Sir Philip Magnus ... Elementary Mechanics (Longmans, 1903).

The following list of apparatus is prescribed as indicating the approximate requirements of a recognised High School seeking to teach Elementary Mechanics for the Matriculation Examination:—

Plumb-line and Level.

Simple Lever (including brass slotted weights).

Roman Steelyard.

Lecture apparatus for experiments on moments.

George's New Atwood's Machine.

Stop-watch.

Glazebrooke's apparatus (to demonstrate movement of a body).

Hick's Ballistic Balance.

Compound Wheel and Axle.

4 Single Brass Pulleys.

2 " " "

2 Triple " "

Weston Differential Pulley Blocks ($\frac{1}{4}$ ton).

16 feet of chain at 6d. per foot.

Inclined Plane.

Parallelogram of Forces apparatus

Wall Crane.

Becker's New Physical Balance.

Set of Gramme Weights (200 grams to 1 mgr.).

2 Composition-ivory Balls.

NOTE.—The above list is not exhaustive, and much of it might be replaced by simpler forms that could probably be made far more cheaply by any clever mistry under proper supervision. In most cases, however, it will probably be found advantageous to buy such a set as indicated in the list specially for demonstration purposes, and subsequently to develop simplified duplicates illustrating the same principles which the boys should be given opportunity actually to experiment with on their own individual accounts or working in pairs

MATRICULATION EXAMINATION, 1921.

ENGLISH.

The following works are recommended to indicate the standard of knowledge to be demanded of candidates at the Matriculation Examination in 1921:—

Prose.

Defoe	... Robinson Crusoe (any school edition).
Lamb	... Tales from Shakespeare
Hunter	... Readings from Indian History, Pt. III
Creighton	... Heroes of European History (revised edition)
M. A. Hamilton	... Greek Legends (Oxford Press)
Harrap	... Stories from Old Testament
Scott	... Ivanhoe (any school edition)
Gandy	... Pandava Princess (Macmillan)
Nelson Fraser	... World at War, 3rd edition (Oxford Press)
Macaulay	... Stories from Chaucer (Cambridge Press)
Fournier	... Wonders of Physical Science (Macmillan)
Swift	... Gulliver's Travels (any school edition)
Day	... Old Time Stories (from History of Standford and Merton)
Claxton	... Mastery of the Air (Blackie & Son)
D. N. Neogi	... Sacred Tales of India (Macmillan)
Todd	... Annals of Rajasthan (Mewar) Abridged by C. H. Payne
Smiles	... Selections by Rasamay Mitra
Dunn	... In England
Reynolds	... How Man Conquered Nature (Macmillan)

Arabian Nights (any school edition).

Washington Irving (University Selections, new edition).

Select Readings from English History (published by the University).

University bible Selections, Part II.

Poetry.

Lahiri's Select Poems, Revised edition, published by the Calcutta University.

Palgrave	... Children's Treasury, Part I. (Macmillan)
Dunn	... English Verse for Indian Readers (Longmans, Green & Co)

VERNACULAR COMPOSITION.

BENGALI.

(Books recommended to be read as presenting models of style.)

Iswarchandra Vidyasagar	... Sitar Banabas
Rajanikanta Gupta	... Prativa
Chandranath Basu	... Chandrakana
Akshay Kumar Datta	... Charupath, Part II
Dineschandra Sen	... Fullara
Bijaychandra Majumdar	... Prachin Sabhyata

HINDI.

(Books recommended to be read as presenting models of style.)

Balbharat .. Indian Press, Allahabad

Upadesa Kusumakar (excluding Poetry pieces), Khadgavilas Press, Bankipur.

URIA.

(Books recommended to be read as presenting models of style.)

Mrityunjay Kavyatirtha	... Prabandhapatha
Madhusudan Rao	... Prabandhamala

ASSAMESE.

(Books recommended to be read as presenting models of style.)

Satyanath Borah	... Sahitya-bichar
Lakshminath Bezborah	... Sadhu Kathar Kuki
Hemchandra Baruya	... Pathamala

BURMESE.

(Books recommended to be read as presenting models of style.)

Mahazanakka
Withandaya
Temi

KHASI

(Books recommended to be read as presenting models of style.)

Ka Jingsiathukhana Puriskam (Khasi Folk Tales) by U. Rabon Sing.
Book of Proverbs in Khasi (p. 740 of Khasi Bible).

MODERN TIBETAN.

(Books recommended to be read as presenting models of style.)

Bay Chos
Namthar of Mi-la-ras-pa.

URDU.

(Books recommended to be read as presenting models of style.)

- (1) Taubat-un-Nasuh by Nazir Ahmad.
- (2) Durbar-i-Akbari.
- (3) Urdu-i-Mu'alla of Ghalib.

NEPALI.

(Books recommended to be read as presenting models of style.)

Shri Vijñan Vilas ... Bharatbarsako Itihas
Matiram Bhatta ... Marina Charitra
Sankshipta Ramayan

MATHEMATICS.

No text-books are prescribed or recommended. The subject is to be studied in accordance with the Syllabus prescribed in the Regulations of the University.

SANSKRIT.

The following portions of the Calcutta University Sanskrit Selections :—

Part I—Prose Edition of 1917.

Panchatantra ... Pages 1—3, 29—51
Hitopadesa ... „ 52—96

NOTE.—Pages 52-96 of the edition of 1917 correspond to pages 87-131 of the edition of 1915

Part II—Poetry—Edition of 1911.

Kusalabho-Ramayana-gana and
Ravana Saktyahataya Lakshmanasya
Punarutthanam ... Pages 136—149
Dhritarashtra-bhila ... „ 199—209

Grammar.

Elementary Sanskrit Grammar, by Dr. G. Thibaut, published by the University.

PALI.

Prose.

Anderson's Pali Reader ... Pages 1—43, omitting Radha Jataka
Nacca Jataka and Sussandi Jataka

Poetry.

Dipavamsa ... Bhanavaras, I—V
Khuddaka Patha ... Mangala Sutta

Grammar.

Balavatara ... Edited by Dr. Satishchandra Vidyabhusan and Samana Punnananda

CLASSICAL TIBETAN.

Course of Studies in Classical Tibetan. Edited by Dr. E. D. Ross, Ph.D., C.I.E.

PERSIAN.

University Selections compiled and edited by Dr. E. D. Ross, C.I.E., Ph.D.
for the Matriculation Examination, omitting pages 1-5 and 43-56.

ARABIC.

University Selections compiled and edited by Dr. E. D. Ross, C.I.E., Ph.D.,
omitting pages 4-10 and 52-57.

HEBREW

Genesis	... 1-14
Isaiah	... 1-6
Psalms	... 119
Davidson's Hebrew Grammar is recommended.	

ARMENIAN.

Elishe's History of the War of the Vardanian, Parts I and II.
Elishe Vardapet Doorian's "Course of Classical Armenian," Part I (Prose
and Verse)

SYRIAC

Text.

Gospel of St. Mathew (Peshitto version), Chapters V--VII
Gospel of St. John (Peshitto version), Chapters I--VII
St. Ephraem "on Wisdom" I--XX

Grammar.

T. H. Robinson's Syriac Grammar, Sections I--XX

GREEK.

Xenophon	... Anabasis, Book III
Euripides	... Medea
New Testament	... The Gospel according to St. Mark, Chapters I--VI

LATIN.

Cæsar	... De Bellō Gallico, Books III and IV
Virgil	... Aeneid, Book I

FRENCH.

Erckmann Chatelain	... Waterloo (Macmillan & Co.)
Racine	... Britannicus

GERMAN.

Prose.

Die Ähnen, Part I, by Gustav Freytag. (Macmillan)

Poetry.

A book of Ballads, by Wilhelm Wagner. (Cambridge University Press.)

BENGALI.

(For female candidates.)

Krishnadas	... Mahabharat (Vanparba)—Edited by Dineschandra Sen or Jogindranath Bose
Hemchandra Banerjee	... Bharat Bhiksha; Michaeler Swargarohan
Bimala Dasgupta	... Uttara Ramcharita
Abinaschandra Basu	... Manabcharita
Rajendranath Kanjilal	... Mahabharatiya Nitikatha Part I
Tarakumar Kaviratna	... Kathasara
Dineschandra Sen	... Grihasri
Mankumari Basu	... Subhasadhana
Kalikrishna Bhattacharyya	... Banger Ratnamala, Parts I and II
Abinaschandra Banerjee	... Ramayane Paribarik Chitra

URDU.

(For female candidates.)

Aina-Ibrat, Part I, by Suhrawardya Begum
 Mirat-ul-Urus, by Nazir Ahmad, from page 23 to 24 (Newal Kishore's edition)
 Kitab Panchwin Hissa Nazm, published by Anjuman-i-Hewait-i-Islam, Lahore.

ASSAMESE.

(For female candidates.)

Text.

Satyanath Bora	... Sarathi.
Padmanath Barua	... Nitisiksha, Part III.
Durgeswar Sarma	... Anjali.

Grammar.

Any of the following.—

Loknath Sarma	... Assamiya Byakaran.
Hemnath Barua	... Assamiya Byakaran.

KHASI.

(For female candidates.)

Text.

Ka Jingiathukhana Puriskan (Khasi Folk Tales), by U. Rabon Sing.
 Book of Proverbs in Khasi (p. 740 of Khasi Bible)

Grammar.

Hints on Study of Khasi Language, by Ni Nissor Singh.

BURMESE.

(For female candidates.)

Mahazanakka and Werhādaya. (To be read as models of Burmese style. Questions will not be asked on subject-matter.) The examination will include—

Translation from English into Burmese

Questions on Composition

An essay (heading being given).

HINDI.

(For female candidates.)

Ramjilal Sarma	... Balaramayana
Tulsidas	... Ramayan, Sundara Kanda

URIYA.

(For female candidates.)

Mrityunjay Kavyatirtha	... Prabandhapatha
Madhusudan Rao	... Prabandhamala

HISTORY.

History of India

The following books on Indian History are recommended to indicate the standard of knowledge required. —

Adharchandra Mookerjee	... A Short History of the Indian People (revised edition 1910.)
Haraprasad Sastri	... History of India (revised edition, 1907, for later.)
Sir William Hunter	... Brief History of the Indian Peoples
R. C. Dutt	... A Brief History of Ancient and Modern India, brought up to date by J. N. Gupta, M.A., I.C.S.
A. F. Rudolf Hoernle and H. A. Stark	... History of India (Hindu Period only.)
C. R. Wilson	... History of India revised edition (British Period only.)
Rapson	... Ancient India (Cambridge University Press.)
Karim and Ghosh	... Students' History of India (revised edition, 1910.)
Vincent A. Smith	... The Students' History of India
M. Prothero and Vidyabhusan	... Primer of the History of India
Lethbridge	... History of India (Macmillan & Co.)
Kaliprasanna Bandyopadhyay	... Bharatbarser Itihas (History of India in Bengali.)
Nrisinhachandra Mukhopadhyay	... Matriculation History of India in Bengali.
Rajanikanta Gupta	... Bharatbarser Itihas (History of India in Bengali.)

Administration and Progress of India under British Rule.

N. N. Ghose	... Englands' Work in India, revised edition, 1915.
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GEOGRAPHY.

The following books are recommended as indicating the methods of study as well as the standard of knowledge required :—

E. Marsden	... Geography for Senior classes, Parts I and II.
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The world with fuller treatment of India (Longman's Geographical Series or India, Book II.)

J. F. Unstead	... The Practical Geography, Parts I and II.
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The following books are recommended for the use of teachers:—

Blanford	... The Rudiments of Physical Geography for the use of Indian Schools
Frew	... A Regional Geography of the Indian Empire, (Blackie & Son.)
Wallis	... The Teaching of Geography. (Cambridge University Press.)
O'Malley	... Bengal, Bihar and Orissa, Sikkim (Macmillan & Co.)

The following book is recommended for the use of teachers in connection with the teaching of "Sand Modelling" in the lower classes of schools:—

A. E. Frye	... The Child and Nature
------------	--------------------------

Every school that intends to undertake instruction in Geography for the Matriculation Examination is required to possess the apparatus mentioned in the following list:—

I.—The total cost need not exceed Rs 65—

1. A measuring tape.
2. A magnetic compass.
3. Squared paper and tracing paper.
4. Clay, dry sand, paper pulp for modelling.
5. A globe, not less than 14 inches in diameter, with writing surface, and with line of latitude and longitude, and outlines, only of the landmasses, marked upon it.
6. A map of the school locality on a scale of 4" or 6" = 1 mile.
7. A map of the district in which the school is situated on the scale 1" = mile.
8. A coloured map of the Province.
9. A coloured political map of India.
10. A physical map of India.
11. A relief map of India.
12. A map of the world on Mollweide's equal area projection and a map of Asia.

It is essential that the students should be provided with atlases, or with the necessary hand-maps, and with a drawing instrument box. Maps for school work should not contain too much detail, or be crowded with names.

II.—The following additional equipment is recommended when it can be provided, but that lack of it is not to be considered as a bar to the recognition of the school in Geography:—

1. A thermometer.
2. A mercury barometer.
3. A rain-gauge.
4. A small collection of typical rocks, in particular those of the Province and of India.
5. A small museum of typical products.
6. A good standard atlas.
7. Geographical pictures.
8. Magic lantern and slides.

(1) The attention of teachers is requested to the raised maps of Bengal and Eastern Bengal and Assam made of paper pulp, prepared by Babu Kailaschandra Datta, Head Pandit, Habiganj Government Girl's School, Sylhet, and sold for Rs. 7 and Rs. 5, respectively.

(2) Globes of all kinds are made by George Philip and Son, London, W. and A. K. Johnston, London, and Messrs. Ruddiman Johnston, London.

Small hand globes of German make can be obtained through the Indian School Supply Depot for about a rupee each.

(3) The "Comparative" series of large wall maps of the continents published by George Philip and Son is good and up to date; so also are the Orographical wall maps published by Edward Stanford. Messrs. Ruddiman Johnston publish a series of smaller wall maps which includes maps of India illustrating various distributions.

Messrs. Nelson's wall atlases are good. Mr. S. B. Chatterjee publishes District Maps; also ordinary and relief maps of the Province.

Babu L. M. Basu, the drawing master of the Dacca Collegiate School has published good relief maps of Eastern Bengal and Assam and of India.

The Vidal-Lablache French wall maps on strong cardboard, named on one side, and the same Map without names on the reverse, published by Armond Colin, Paris, are good and cheap. They measure 46 inches by 39 inches and can be delivered in Calcutta for Rs. 4-14 each.

(4) The hand maps, coloured to indicate relief, published by the Diagram Company, West Barnes Lane, New Malden, Surrey, at one penny each are the best of their kind.

The uncoloured half-penny maps showing river systems and a few towns, published by the same Company are excellent for class use.

The Autograph hand maps, with hill shading in brown, published by Edward Stanford, London, at one penny each, are very good, and are larger than the Diagram Company's hand maps. The 15 inches map of the world on Mollweide's equal area projection is specially to be commended.

(5) Wall pictures of considerable artistic merit are published by Messrs. Edward Arnold of Leeds, Messrs. Hachette of Paris, and Messrs. Hölzel of Vienna, and Messrs. Longmans, Green & Co. They cost, delivered in India, from two to three rupees each.

Map lantern slides and view slides especially prepared for Geography teaching are sold by the Diagram Company for two or three shillings each. Mr. Bartington Smith of Darjeeling also sells good picture slides of the Himalayas at Rs. 15 per dozen.

ELEMENTARY MECHANICS.

The following books are recommended:—

Sir Philip Magnus	...	Elementary Mechanics (Longmans 1903)
A. N. Sen	...	Elementary Mechanics

The following list of apparatus is prescribed as indicating the approximate requirements of a recognized High School seeking to teach Elementary Mechanics for the Matriculation Examination.—

- Plumb-line and Level.
- Simple Lever (including brass slotted weights.)
- Roman Steelyard.
- Lecture apparatus for experiments on moments.
- George's New Atwood's Machine.
- Stop-watch.
- Glazebrook's apparatus (to demonstrate movement of a body).
- Hick's Ballistic Balance.
- Compound Wheel and Axle.
- 4 Single Brass Pulleys
- 2 " " "
- 2 Triple " "
- Weston Differential Pulley Blocks ($\frac{1}{2}$ ton).

16 feet of chain at 6d. per foot.
 Inclined Plane.
 Parallelogram of Forces apparatus.
 Wall Crane.
 Becker's New Physical Balance.
 Set of Gramme Weights (200 grams to 1 mgr.)
 2 Composition-ivory Balls.

NOTE.—The above list is not exhaustive, and much of it might be replaced by simpler forms that could probably be made far more cheaply by any clever mistry under proper supervision. In most cases, however, it will probably, be found advantageous to buy such a set as indicated in the list specially for demonstration purposes, and subsequently to develop simplified duplicates, illustrating the same principles, which the boys should be given opportunity actually to experiment with on their own individual account or working in pairs.

MATRICULATION EXAMINATION, 1922.

ENGLISH.

The following works are recommended to indicate the standard of knowledge to be demanded of candidates at the Matriculation Examination in 1922 :—

PROSE.

Defoe	... Robinson Crusoe (any School Edition)
Lamb	... Tales from Shakespeare
Creighton	... Heroes of European History (Revised Edition)
M.A. Hamilton	... Greek Legends (Oxford Press)
Harrap	... Stories from Old Testament
Scott	... Ivanhoe (any School Edition)
Gandy	... Pandava Princes (Macmillan) [Frees]
Macaulay	... Stories from Chaucer (Cambridge)
Fournier	... Wonders of Physical Science (Macmillan)
Swift	... Gulliver's Travels (any School Edition)
Claxton	... Mastery of the Air (Blackie & Son)
D. N. Neogi	... Sacred Tales of India (Macmillan)
Tod	... Annals of Rajasthan (Mewar), abridged by C. H. Payne
Smiles	... Selections by Rasamay Mitra [lan]
Reynolds	... How man conquered nature (Macmillan)
Stephen Paget	... Guide to the Study of the War
Lalbehary De	... Folk Tales of Bengal
Kincaid	... Tales from Indian Epics
Tappan	... Heroes of the Middle Ages
Blackmore	... Lorna Doone, abridged by Tomlinson
Quiller-Couch	... Historical Tales from Shakespeare
Washington Irving	... University Selections (new Edition)

Arabian Nights (any School Edition)

Select Readings from English History Parts I and II, (published by the University).

University Bible Selections, Part II.

POETRY.

Lahiri's Select Poems, Revised Edition, (published by the Calcutta University).

Palgrave	...	Children's Treasury, Part I (Macmillan)
Dunn	...	India in Song

VERNACULAR COMPOSITION.

BENGALI.

(Books recommended to be read as presenting models of style).

Iswarchandra Vidyasagar	...	Sitar Banabas
Rajanikanta Gupta	...	Charita Katha
Chandranath Basu	...	Chandrakana
Akshaykumar Datta	...	Charupath, Part II
Dineschandra Sen	...	Sukatha
Ramendrasundar Trivedi	..	Prakriti

HINDI.

(Books recommended to be read as presenting models of style)

Balbharat	..	Indian Press, Allahabad
U'padesha Kusumakar	...	Khadgavilas Press, Bankipore
(excluding Poetry pieces)		

URIYA.

(Books recommended to be read as presenting models of style).

Mrityunjay Kavyatirtha	..	Prabandhapatha
Madhusudan Rao	...	Prabandhamala

ASSAMESE

(Books recommended to be read as presenting models of style).

Satyanath Borah	...	Sahitya-bichar
Lakshminath Bezborah	...	Sadhu Kathar Kuki
Hemchandra Baruya	...	Pathamala

BURMESE

(Books recommended to be read as presenting models of style)

Mahazanakka
Withandaya
Temi

KHASI.

(Books recommended to be read as presenting models of style).

Ka Jingiathukhana Puriskam (Khasi Folk Tales), by U. Rabon Sing
Book of Proverbs in Khasi (p 740 of Khasi Bible)

MODERN TIBETAN.

(Books recommended to be read as presenting models of style)

Bay Chos
Namthar of Mi-la-ras-pa

NEPALI.

(Books recommended to be read as presenting models of style)

Shri Vijnan Vilas	...	"Bharatbarsako Itihas"
Matiram Bhatta	..	{ "Marma Charitra" "Sankshipta Ramayan"

URDU.

(Books recommended to be read as presenting models of style)

- (1) Taubat-un-Naseh by Nazir Ahmed
- (2) Durbar-i-Akbari
- (3) Urdu-i-Mu'alla of Ghalib

MATHEMATICS.

No text-books are prescribed or recommended. The subject is to be studied in accordance with the syllabus prescribed in the Regulations of the University.

SANSKRIT.

The following portions of the Calcutta University Selections :—

PART I—PROSE—Edition of 1917

Panchatantram	...	...	...	Pages 2-3, 29-51
Hitopadesa	...	..	...	" 52-96

(Note—Pages 52-96 of the edition of 1917 correspond to pages 87-131 of the edition of 1915)

PART II—POETRY—Edition of 1911

Kusalaba-o-Ramayanaganam and Rahana Saktya-hataya	...	...	...	Pages 136-149
Lakshmanasya Punaruthanam	...	..	...	" 199-209
Dhritarashtrabilapa	...	...	...	" 199-209

GRAMMAR

Elementary Sanskrit Grammar, by Dr. G. Thibaut, published by the University.

PALI.

PROSE.

Anderson's Pali Reader	...	Pages 1-43, omitting Radha Jataka, Nacca Jataka and Sussandi Jataka
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POETRY.

Dipavamsa	Bhanavaras, I-V
Khuddaka Patha	Mangala Sutta

GRAMMAR.

Balavatara	...	Edited by Dr. Satischandra Vidya-bhushan and Samana Punnananda
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CLASSICAL TIBETAN.

Course of Studies in Classical Tibetan edited by Dr E. D. Ross, Ph.D., C.I.E.

PERSIAN

University Selections compiled and edited by Dr. E. D. Ross, C.I.E., Ph.D.
for the Matriculation Examination, omitting pages 1-5 and 43-56.

ARABIC.

University selections compiled and edited by Dr. E. D. Ross, C.I.E., Ph.D.
omitting pages 4-10 and 52-57

HEBREW.

Genesis	...	...	...	...	...	1-14
Isaiah	...	...	...	...	...	1-6
Psalms	...	...	...	...	...	119

Davidson's Hebrew Grammar is recommended.

ARMENIAN.

Elishe's History of the War of the Vardanians, Parts I and II.
Elishe Vardapet Dourian's 'Course of Classical Armenian,' Part I (Prose
and Verse.)

SYRIAC.

TEXT.

Gospel of St. Matthew (Peshitto version) Chapters V—VII
Gospel of St. John (Peshitto version), Chapters I—VII
St. Ephraem "on Wisdom," I—XX

GRAMMAR.

T. H. Robinson's Syriac Grammar, Section I—XX

GREEK.

Xenophon	...	Anabasis, Book III
Euripides	...	Medea
New Testament	...	The Gospel according to St. Mark Chapters I—VI

LATIN.

Caesar	...	De Bello Gallico, Books III and IV
Virgil	...	Æneid, Book I

FRENCH.

Eckmann-Chatrion	...	L'Invasion.
Racine	...	Britannicus.

GERMAN.

Prose

Die Ahnen, Part I, by Gustav Freytag. (Macmillan)

Poetry.

A Book of Ballads, edited by Wilhelm Wagner. (Cambridge University Press).

BENGALI.

(For Female Candidates).

Kasiram Das	... Mahabharat (Vanaparba)—Edited by Dineschandra Sen or Jogindranath Bose
Michael Madhusudan Datta	... Meghnadbadh, Canto IV (Sita o Sarama), with introduction by Dinanath Sanyal
Hemchandra Banerjee	... Bharat Bhiksha; Michaeler Swargarohan
Bimala Dasgupta	... Uttara Ramacharita
Mankumari Basu	... Subhasadhana
Dineschandra Sen	... Grihasri
Sasibhushan Sen	... Premchand Roychand
Rajendranath Kanjilal	... Mahabharatiya Nitikatha, Part I
Abinashchandra Banerjee	... Ramayane Paribarik Chitra
Akshaykumar Dattagupta	... Sandarbha Chandrika.
Sibaratan Mitra	... Gopichandra Parts I & II
Nakuleswar Vidyabhushan	.. Bengali Grammar

ASSAMESE.

(For Female Candidates).

Text.

Satyanath Bora	... Sarathi
Padmanath Barua	... Nitisiksha, Part III
Durgeswar Sarma	... Anjali

Grammar.

Any one of the following :—

Loknath Sarma	... Assamiya Byakaran
Hemnath Baruya	.. Assamiya Byakaran

KHASI.

(For Female Candidates).

Text.

Ka Jingiathukhana Puriskan (Khasi Folk Tales), by U. Rabon Singh.
Book of Proverbs in Khasi (p. 740 of Khasi Bible).

Grammar.

Hints on Study of Khasi Language, by U. Nissor Singh.

BURMESE.

(For Female Candidates.)

Mahazanakka and Werhandaya. (To be read as models of Burmese style.
Questions will not be asked on subject-matter). The examination will include—

Translation from English into Burmese.

Questions on Composition.

An Essay (headings being given).

HINDI.

(For Female Candidates).

Ramjilal Sarma	... Balaramayana
Tulsidas	... Ramayana, Sundara Kanda

URIYA.

(For Female Candidates).

Mrityunjay Kavyatirtha	... Prabandhapatha
Madhusudan Rao	.. Prabandhamala

URDU.

(For Female Candidates).

Aina-i-J'brat, Part I, by Suhrawardya Begum.

Mirat-ul-Urus, by Nazir Ahmad, from page 23 to 24 (Newal Kishore's edition).

Kitab Panchwin Hissa Nazm, published by Anjuman-i-Hemait-i-Islam Lahore.

HISTORY.*History of India.*

The following books on Indian History are recommended to indicate the standard of knowledge required :—

Adharchandra Mookherjee	... A short History of the Indian People (revised edition 1910)
R. C. Dutt	... A Brief History of Ancient and Modern India brought up to date by J. N. Gupta, M.A., I. C. S.
Vincent A. Smith	.. The Students' History of India
M. Prothero & Vidyabhushan	.. Primer of the History of India
Kaliprasanna Bandyopadhyay	... Bharatbarsher Itihas (History of India in Bengali)
Nrisinhachandra Mukhopadhyay	... Matriculation History of India in Bengali
Rajanikanta Gupta	.. Bharatbarsher Itihas (History of India in Bengali)

Administration and Progress of India under British rule.

N. N. Ghosh	... England's Work in India (revised edition 1915)
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GEOGRAPHY.

The following books are recommended as indicating the methods of study as well as the standard of knowledge required :—

E. Marsden	... Geography for Senior Classes, Parts I and II
------------	--

The World with fuller treatment of India (Longman's Geographical Series for India, Book II).

J. F. Unstead	... The practical Geography Parts I and II
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The following books are recommended for the use of teachers:—

Blanford	... The Rudiments of Physical Geography for the use of Indian Schools.
Frew	... A Regional Geography of the Indian Empire (Blackie & Son).
Wallis	... The Teaching of Geography (Cambridge University Press).
O'Malley	... Bengal, Bihar and Orissa, Sikkim, (Macmillan & Co.)

The following book is recommended for the use of teachers in connection with the teaching of "Sand Modelling" in the lower classes of Schools:—

A. E. Frye	... The Child and Nature
------------	--------------------------

Every school that intends to undertake instruction in Geography for the Matriculation Examination is required to possess the apparatus mentioned in the following list:—

I. (The total cost need not exceed Rs. 65)

1. A measuring tape.
2. A magnetic compass.
3. A Squared paper and tracing paper.
4. Clay, dry sand, paper pulp for modelling.
5. A globe, not less than 14 inches in diameter, with writing surface, and with line of latitude and longitude, and outlines, only of the landmasses, marked upon it.
6. A map of the school locality on a scale of 4" or 6" = 1 mile.
7. A map of the district in which the school is situated on the scale 1" = 1 mile.
8. A coloured map of the Province
9. A coloured political map of India.
10. A physical map of India.
11. A relief map of India.
12. A map of the world on Mollweide's equal area projection and a map of Asia.

It is essential that the students should be provided with atlases, or with the necessary hand-maps, and with a drawing instrument box. Maps for school work should not contain too much detail or be crowded with names.

II. The following additional equipment is recommended when it can be provided, but that lack of it is not to be considered as a bar to the recognition of the school in Geography:—

1. A thermometer.
2. A mercury barometer.
3. A rain-gauge
4. A small collection of typical rocks, in particular, those of the Province and of India.
5. A small museum of typical products
6. A good standard atlas.
7. Geographical pictures.
8. Magic lantern and slides.

(1) The attention of teachers is requested to the raised maps of Bengal and Eastern Bengal, and Assam, made of paper pulp, prepared by Babu Kailas-chandra Datta, Head Pandit, Habiganj Government Girl's School, Sylhet, and sold for Rs. 7 and Rs. 5 respectively.

(2) Globes of all kinds are made by George Philip and Son, London, W. and A. K. Johnston, London, and Messrs. Ruddiman Johnston, London.

Small hand globes of German make can be obtained through the Indian School Supply Depot for about a rupee each.

(3) The "Comparative" series of large wall maps of the continents published by George Philip and Son is good and up to date: so also are the Orographical wall maps published by Edward Stanford. Messrs. Ruddiman Johnston publish a series of smaller wall maps which includes maps of India illustrating various distribution.

Messrs. Nelson's wall atlases are good. Mr. S. B. Chatterji publishes District Maps; also ordinary and relief maps of the Province.

Babu L. M. Basu, the Drawing Master of the Dacca Collegiate School, has published good relief maps of Eastern Bengal and Assam and of India.

The Vidal-Lablache French wall maps on strong cardboard, named on one side and the same map without names on the reverse, published by Armond Colin, Paris, are good and cheap. They measure 46 inches by 39 inches and can be delivered in Calcutta for Rs. 4-14-0 each.

(4) The hand maps, coloured to indicate relief, published by the Diagram Company, West Barnes Lane, New Malden, Surrey, at one penny each, are the best of their kind.

The uncoloured half-penny maps showing river systems and a few towns, published by the same Company, are excellent for class use.

The Autograph hand maps, with hill shading in brown, published by Edward Stanford, London, at one penny each, are very good, and are larger than the Diagram Company's hand maps. The 15 inches map of the world on Mollweide's equal area projection is specially to be commended.

(5) Wall picture of considerable artistic merit are published by Messrs. Edward Arnold of Leeds, Messrs. Hachette of Paris, Messrs. Holz of Vienna, and Messrs. Longmans, Green and Company. They cost, delivered in India, from two to three rupees each.

Map lantern slides and view slides especially prepared for Geography teaching are sold by the Diagram Company for two or three shillings each. Mr. Bartington Smith of Darjeeling also sells good picture slides of the Himalayas at Rs. 15 per dozen.

ELEMENTARY MECHANICS.

The following books are recommended :—

Sir Philip Magnus	... Elementary Mechanics (Longmans, 1903)
A. N. Sen	... Elementary Mechanics

The following list of apparatus is prescribed as indicating the approximate requirements of a recognized High School seeking to teach Elementary Mechanics for the Matriculation Examination :—

- Plumb-line and Level.
- Simple Lever (including brass slotted weights).
- Roman Steelyard.
- Lecture Apparatus for experiments on moments.
- George's New Atwood's Machine.
- Stop-watch.
- Glazebrook's apparatus (to demonstrate movement of a body).
- Hick's Ballistic Balance.
- Compound Wheel and Axle.
- 4 Single Brass Pulleys.
- 2 Single Brass Pulleys.
- 2 Triple Brass Pulleys.

Weston Differential Pulley Blocks ($\frac{1}{2}$ ton).

16 feet of chain at 6d. per foot.

Inclined Plane.

Parallelogram of Forces apparatus.

Wall Crane.

Becker's New Physical Balance.

Set of Gramme Weights (200 grams to 1 mgr.)

2 Composition-ivory Balls.

Note.—The above list is not exhaustive, and much of it might be replaced by simpler forms that could probably be made far more cheaply by any clever mistry under proper supervision. In most cases, however, it will probably be found advantageous to buy such a set as indicated in the list specially for demonstration purposes, and subsequently to develop simplified duplicates illustrating the same principles, which the boys should be given opportunity actually to experiment with on their own individual account or working in pairs.

INTERMEDIATE EXAMINATIONS IN ARTS AND SCIENCE, 1920.

ENGLISH.

Poetry.

Milton	... Paradise Lost, Book I
Gray	... Elegy written in a country Churchyard; Ode on Eton College; Hymn to Adversity; Progress of Poesy; Bard
Tennyson	... The Passing of Arthur

Prose

Addison	... Essays (University Selections, latest Edition)
Goldsmith	... The Vicar of Wakefield, Selections, by C. Sankey (English School Classic Series, Longmans, Green & Co.)
Macaulay	... History of England, Chapter I

A paper will be set on Essay, Prosody and Rhetoric, and some questions will be set on unseen passages from works of the same standard of difficulty as those prescribed for the Matriculation Examination.

INTERMEDIATE EXAMINATION IN ARTS.

BENGALI.

(Books recommended to be read as presenting models of style.)

Rajkrishna Banerjee	... Telemachus
Jnanendralal Ray	... Prabandha Lahairi (new edition)
Saratchandra Sastri	... Dakshinapatha Bhraman
Haranchandra Rakshit	... Sahitya Sadhana
Jogindranath Basu	... Patibrata, Part II
Bhudharchandra Ganguli	.. Kaliya

INTERMEDIATE EXAMINATION IN SCIENCE.

BENGALI

(Books recommended to be read as presenting models of style)

Kaliprasanna Ghosh	...	Nisitha Chinta
Sasibhushan Sen	...	Asoka
Ramendrasundar Tribedi	..	Prakriti
Rajkrishna Mookerjee	...	Nana Prabandha (omitting Charbaka Darsan and Comte Darsan)
Ramanath Saraswati	...	Aryya Jibani
Abdul Jabbar	...	Hajrater Jibani

I.A. AND I.Sc. EXAMINATIONS.

HINDI.

(Books recommended to be read as presenting models of style.)

Harischandra	...	Charitaval
Pratapnarayan Misra	..	Sangit Shakuntal
Gadadhar Singh	..	Kadambari
Lala Sitaram	...	Nitibatika

ASSAMESE

(Books recommended to be read as presenting models of style.)

Brahmar Mohanasa
Samanta Harana

Selections from Katha Bhagavat

Jivaner Amiya
Manava-Mahatva

Selections from Jonaki

Sarai Ghater Yuddha
Dhana aru dhaner Vyavahara
Jivaner uddesya ki

Selections from Usha.

KHASI.

(Books recommended to be read as presenting models of style)

Ka Kitab Niam-Khin Ki Khasi (a book on the religion and social system of the Khasi people) by U. Rabon Singh.

The book of Job
The Pilgrim's Progress
Ka Kitub Jing Phawar, by U. Rabon Singh

BURMESE.

(Books recommended to be read as presenting models of style.)

Maha-Janaka Jataka Vathu
Vedura-Jataka Vathu
Sandakumara Jataka Vathu
U. Ponya Myttazza
Mahalankara Vathu
Thamane Gyaw Loba Vathu

URIYA.

(Books recommended to be read as presenting models of style.)

Charupath, Part III, translated by Bichhanda Patnaik
 Ramsankar Ray
 Sasibhushan Ray
 Bibasini
 Dakshinatya Bhraman

Adiparba of Mahabharate (Anukramanika and Parbasangrahadhyaya
 translated by Govindachandra Mahapatra.

URDU.

(Books recommended to be read as presenting models of style.)

Al Mamun, by Shibli
 Firduns-i-Barin, by Sharar
 Hayat-i-sa'adi, by Hali
 Musaddas-i-Hali

NEPALI.

(Books recommended to be read as presenting models of style.)

Durga Debi .. Sankshipta Ansuya Sita Sanbad-Bharata

I.A. EXAMINATION.

SANSKRIT.

Poetry.

Kumar Sambhava .. Cantos I and II, with Mallinatha's commentary
 Bhattikavyam ... Cantos I and II

Prose.

University Sanskrit	Selections
(edition of 1916)	.. Mahabharatam, pages 1-10 and 54-60 Dasakumaracharitam pages 61 to 80

Grammar recommended.

Elementary Sanskrit Grammar, by Dr. G. Thibaut (published by the University).

Panini Parisistha Byakarana, by Debendrakumar Vidyaratna (for reference only).

BENGALI.

(For female candidates.)

Michael Madhusudan Datta ... Meghnad-badha Canto, IV Jnanendra-mohan Das's edition)

Krittibas-Ramayan (Ajodhya Kanda) edition by Ramananda Chatterjee or Jogindranath Bose or Dineschandra Sen

Nabinchandra Sen	... Prabhas
Abinaschandra Das	... Sita
Kaliprasanna Sinha	... Mahabharata (Nalopakhyan)
Hemchandra Sarkar	... Bibidha Prabandha
Tarasankar Kabiratna	... Kadambari (expurgated edition by Charuchandra Banerjee)
Akshaykumar Dutta	... Charupath, Part III
Isanachandra Ghose	... Jatak, Vol I (Nos. 1 to 50 and Introduction)

URDU

(For female candidates.)

Taubat-un-Nasuh	... First three Fasl's
Musaddas-i-Hali	... Whole

HINDI.

(For female candidates.)

Harischandra	... Charitavali
Pratapnarayan Misra	... Sangit Shakuntal
Lala Sitaram	... Nitibatika

ASSAMESE

(For female candidates.)

Mahabharat (Vanaparva) selected pieces published by Sibnath Bhattacharyya.

Nitisiksha, Part III, by Padmanath Barua
Sakuntala (Translation), by Lambodar Bora

KHASI.

*(For female candidates.)**Prose.*

Ka Kitah Niam-Khin Ki Khasi (a book on the religion and social system of the Khasi people) by U. Rabon Singh.

Book of Job (in Khasi, page 620 of Khasi Bible), or Pilgrims Progress (in Khasi)

Verse.

Ka Jingsneng Tymmen, Part I, U. Radhan Singh Berry (sayings of the Ancients).

Ka Jingsneng Tymmen, Part II, U. Radhan Singh Berry (sayings of the Ancients).

PALI.

Anderson Pali Reader

The course also includes a knowledge of Pali Grammar of higher standard than that required at the Matriculation Examination.

Grammar recommended

E. Muller	... Pali Grammar
	or
Satischandra Vidyabhushana	... Kaccayana

ARABIC.

University Selections compiled and edited by Dr. E. D. Ross, C.I.E., Ph. D. (the whole).

Grammar.

A book on Arabic Grammar to be published by the University.

PERSIAN.

University Selections compiled and edited by Dr. E. D. Ross, C.I.E., Ph. D. omitting pages 1-11 and 62-76.

HEBREW.

Genesis	...	15—37
Isaiah	...	40—55
Psalms	...	90—106
The Book of Ruth		

SYRIAC.

Paper I—Biblical (Peshitto Version)—

1. The Book of Acts	...	...	Ch. I—XX
2. Psalms	...	...	Ch. I—XXV

Paper II—Non-Biblical—

1. Bar-Hebraeus—Nomo-Canon	...	...	Ch. VII, Sec. I—V
2. St. Ignatius—			
(i) Epistle to Polycarp			
(ii) Epistle to the Ephesians			
(iii) Epistle to the Romans			

Grammar.

Robinson's Syriac Grammar (whole)

CLASSICAL ARMENIAN.

Prose

Moses of Khoren's History of Armenia Part II

Poetry.

Elishe Vardapiet Doorian's Course of Classical Armenian, Part II

The course also includes Armenian Grammar, of which a fuller knowledge will be required than at the Matriculation Examination.

GREEK.

Herodotus	...	Book VII
Plato	...	Apologia
Homer	...	Odyssey, Books V and VI

LATIN.

Cicero	...	Pro Milone
Livy	...	Book I
Horace	...	Odes, II and III

FRENCH.

Emile Faguet	... Ce que disent les livres
H. E. Berthon	... Specimens of Modern French Verse, Part I. (Macmillan & Co.)

GERMAN.

Theodor Fontane	... Vor Dem Sturm (Macmillan)
Schiller	... Selections from Lyrical Poems, edited by Turner and Morshead (Macmillan)

The course also includes German Grammar

HISTORY.

The following books are recommended :—

Tout	.. Advanced History of Great Britain
A. D. Innes	.. History of England
Gardiner	.. Students' History of England
Bury	... History of Greece for Beginners (N.B.—This book comes down only to 322 B.C.)
Smith	.. Smaller History of Greece, revised by Marindin
Smith	.. Smaller History of Rome, revised by Greenidge
Shuckburgh	.. History of Rome for Beginners
Merivale and Puller	... School History of Rome (only the portion from Actium to the end)

LOGIC.

The subject of Logic is to be studied as defined by the syllabus. Students are recommended to use one or more of the following books, or select portions thereof with special reference to the course laid down in the syllabus :—

Carveth Read	.. Logic, Deductive and Inductive
Bain	... Logic. (Deductive and Inductive)
Mitra (A. C.)	... Principles of Logic (Deductive and Inductive)
P. K. Ray	.. Deductive and Inductive Logic
Prakaschandra Sinha	.. Tarka-Vignan

Before joining the regular class students are advised to read—

Creighton	Introductory Logic, Parts I and II
Jevons	Elementary Lessons in Logic

The following books are recommended for the guidance of teacher and for advanced reading :—

Hamilton	... Lectures on Logic
Mill	... System of Logic
Jevons	... Principles of Science
Joseph	... Logic
Bosanquet	... Logic
Sigwart	... Logic
Ueberweg	... System of Logic and History of Logical Doctrines

Venn	...	Empirical Logic
Keynes	...	Formal Logic
Westaway	..	Scientific Method. Its Philosophy and Practice
Welton	...	Logic, Vols I and II
Encyclopædia of the Philosophical Sciences	...	Volume on Logic

I.A. AND I.Sc. EXAMINATIONS.

MATHEMATICS.

No text-books are prescribed. The subject is to be taught in accordance with the syllabus prescribed in the Regulations.

The following books are recommended :—

Asutosh Mukhopadhyay	..	Geometry of Conics
Jessop and Havelock	...	Elementary Mechanics
D. N. Mallik	...	Elementary Dynamics
Loney	..	Elements of Statics and Dynamics
Turner and Rose	...	Intermediate Mechanics

GEOGRAPHY.

Students who wish to offer Geography at the Intermediate Examinations are required to read either—

A. J. Herbertson	...	The Oxford Geographies Vol. III
L'Estrange	...	A Progressive Course in Comparative Geography

and the following books are recommended to be used by the students in studying the subject in accordance with the syllabus prescribed in the Regulations :—

H. R. Mill		The Realm of Nature
Tarr	..	<i>or</i> Physical Geography
Simons and Richardson	..	Introduction to Practical Geography
W. A. Elderton	...	Map and Map-drawing
Fantherpe	...	Physical Atlas and Map-drawing
Blanford	...	Rudiments of Physical Geography for the use of Indian School
Bertholomew (with introduction by Lyde)	...	Economical Atlas. (Oxford University Press.)

PHYSICS.

Aldous	...	Elementary Course of Physics
Watson	...	Elementary Practical Physics
Gregory and Hadley	...	A Class book of Physics
Rajanikanta De	...	Intermediate Course of Practical Physics
Rajanikanta De	..	Introduction to the Study of Sound

CHEMISTRY.

W. A. Shenstone	... Inorganic Chemistry
Perkin and Lean	... Introduction to the Study of Chemistry
Donington	... Practical Exercises in Chemistry
P. C. Ray	... Elementary Inorganic Chemistry
P. C. Ray	... Practical Inorganic Chemistry
Bailey	... First Stage in Inorganic Chemistry
Haridas Saha and Kumudnath Chaudhuri	... A Course of Practical Chemistry for Intermediate Students
D. N. Mukherjee	... Elements of Inorganic Chemistry

PHYSIOLOGY.

Hill	... Manual of Human Physiology
Huxley	... Lessons in Elementary Physiology (latest edition)

BOTANY.

Farmer, J. B.	... Practical Introduction to the Study of Botany (London, 1905)
Bailey, L. H.	... Botany, an Elementary Text for Schools (New York, 1901)
Darwin, F.	... Elements of Botany (Cambridge latest edition)
Fyson, P. F.	... A Botany for India

Candidates who take up Botany will be required to possess a special knowledge of the following Natural Orders of plants.—

(1) Cruciferae	(7) Compositae
(2) Malvaceae	(8) Solanaceae
(3) Leguminosae	(9) Acanthaceae; or Labiatae
(4) Cucurbitaceae	(10) Euphorbiaceae
(5) Apocynaceae	(11) Scitamineae
(6) Rubiaceae	(12) Graminaceae

At the Intermediate Examinations in Arts and Science a study of the outline of the life history of the following "Selected plants" is required to illustrate the gradual ascent in complexity of structure and reproductive cycle from the lowest fungi and algae to the phanerogams :—

(1) Yeast	(6) Selaginella
(2) Mucor or Euroteum	(7) A Conifer
(3) Spirogyra	(8) A Monocotyledon
(4) A Moss	(9) A Dicotyledon
(5) A Fern	

ZOOLOGY.

J. Arthur Thomson	... Outlines of Zoology (such portions of it as are required in the Syllabus)
R. E. Lloyd	... An Introduction to Biology for students in India
A. D. Imms	... A Laboratory Sketch Book of Zoology for India Students (such portions of it as relate to the types prescribed in the Syllabus)

INTERMEDIATE EXAMINATIONS IN ARTS AND SCIENCE, 1921.

ENGLISH.

Poetry.

Gray	... Elegy written in a country Church yard ; Ode on Eton College ; Hymn to Adversity ; Progress of Poesy ; Baird.
Tennyson	... The Passing of Arthur
Calcutta University Selections.	

The following pieces have been selected for 1921.—

Shakespeare	... { The Seven Ages of Man On Sleep
Milton	... { On His Being Arrived to the Age of 23 On His Blindness To Cyriac Skinner Invocation to Light
Wordsworth	... { London 1802 Extinction of the Venetian Republic
Lamb	... The Old Familiar Faces
Moore	... Pro Patria Mori
Heber	... An Evening Walk in Bengal
Byron	... Rome
Keats	... { To One Who has been Long in City Spent Kosciusko
Newman	... Lead, Kindly Light
Longfellow	... { Divina Commedia Dante and Beatrice
Tennyson	... { Ulysses Milton
Lowell	... { Fatherland The Heritage

Prose.

Macaulay	... History of England, Chapter I.
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Calcutta University Selections.—

The following passages have been selected for 1921 —

Swift	... The Lawyers
Chesterfield	... Johnson's Dictionary
Robertson	... Abdication of Charles V
Do	... Columbus Nearing Land
Goldsmith	... A City Night Piece
Burke	... The Devastation of the Carnatic
Boswell	... A Dictionary of the English Language
Sydney Smith	... The Profession of the Law
Napier	... Death and Character of Sir John Moore
Macaulay	... The Trial of Warren Hastings
Newman	... The Power of Literature
Do	... The Character of Gentleman

Tolstoy	... Where Love is, there God is also
Pulsford	... Be Men
Stevenson	... Yoshida-Torajiro
Conan Doyle	... The Lord of Chateau Noir
Fitchett	... The Lady with the Lamp
From the "Spectator"	... The Secret of the Hills
From the "Modern Essays"	... (a) "The Secret of Success"
	... (b) "Living in the Past"

The following portions of the Selections from the Bible, edited by Mr. H. C. Maitra and Rev. G. Howells (Published by the University) have been prescribed for 1921.—

Pages 1-8, 10-17, 31-36, 83-96, 178-189, 224-228 with Introduction.

A paper will be set on Essay, Prosody and Rhetoric, and some questions will be set on unseen passages from works of the same standard of difficulty as those prescribed for the Matriculation Examination.

Candidates are expected to possess only a knowledge and understanding of the prescribed pieces (both prose and poetry); questions will not be set to test their knowledge of the lives, works and styles of the authors, beyond what is involved in the set pieces themselves.

I.A. EXAMINATION.

BENGALI.

(Books recommended to be read as presenting models of style.)

Rajkrishna Banerjee	... Telemachus
Sarat-chandra Sastri	... Dakshinapatha Bhraman
Jogindranath Basu	... Patibrata, Part II.
Bhudarchandra Ganguli	... Kaliya
Aswinikumar Chatterjee	... Sarbadharma
Mozammel Haque	... Firdausicharit

I.Sc. EXAMINATION.

BENGALI.

(Books recommended to be read as presenting models of style.)

Kaliprasanna Ghosh	... Nibhrita Chinta
Sasibhushan Sen	... Karmakshetra
Ramendrasundar Tribedi	... Prakriti
Haranchandra Rakshit	... Sahitya Sadhana
Ramnath Saraswati	... Aryya Jibani
Abdul Jabbar	... Hajrater Jibani

INTERMEDIATE EXAMINATIONS IN ARTS AND SCIENCE.

HINDI.

(Books recommended to be read as presenting models of style.)

Harischandra	... Charitavali
Pratapnarayan Misra	... Sangit Shakuntal
Gadadhar Singh	... Kadambari
Lala Sitaram	... Nitibatika

ASSAMESE.

(Books recommended to be read as presenting models of style.)

Hemchandra Barooah	... Kathamala
Satyanath Borah	... Sarathi
Rajanikanta Bardolai	... Manomali
Hemchandra Goswami	... Assamese Language
Padmanath Barooah	... Nitisikhya, Part III

KHASI

(Books recommended to be read as presenting models of style.)

Ka Kitab Niam-~~le~~hein Ki Khasi (a book on the religious and social system of the Khasi people), by U. Rabon Singh.

The book of Job | The Pilgrim's Progress

Ka Kitab Jing Phawar, by U. Rabon Singh.

BURMESE.

(Books recommended to be read as presenting models of style.)

Maha-Janaka Vathu	U. Ponya Myttazza
Vedura-Jataka Vathu	Mahalankara Vathu
Sandakumara Jataka Vathu	Thamane Gyaw Loba Vathu

URIYA.

(Books recommended to be read as presenting models of style.)

Charupath, Part III. translated by Bichhanda Patnaik.

Ramsankar Ray	... Bibasini
Sasibhushan Ray	... Dakshinatyā Bhraman

Adiparba of Mahabharata (Anukramanika and Parbasangrahadhyaya) translated by Govindachandra Mahapatra.

URDU.

(Books recommended to be read as presenting models of style.)

Al-Mamum	... Shibli
Malikul Aziz wa Virginia	
Hayat-i-Sa'adi	... Hali
Musaddas-i-Hal	

NEPALI.

(Books recommended to be read as presenting models of style.)

Durga Debi	... Ansuya Sita Sanbad
Sankshiṭa Bharata	

INTERMEDIATE EXAMINATION IN ARTS.

SANSKRIT.

Poetry.

Kumar Sambhava	... Cantos I and II, with Mallinatha's commentary
Bhāttikavyam	... Cantos I and II

Prose.

University Sanskrit Selections (edition of 1916) ... Mahabharatam, pages 1-10 and 54-60, Dasakumaracharitam, pages 61-80

Grammar recommended.

Elementary Sanskrit Grammar, by Dr. G. Thibaut (published by the University).

Panini Parisistha Byakaranā, by Debendrakumar Vidyaratna (for reference only).

BENGALI.*(For female candidates.)*

Michael Madhusudhan Datta ... Meghnad-badha, Canto 1V (Jnanendramohan Das's edition)

Krittibas-Ramayan (Ajodhya Kanda), edited by Ramananda Chatterjee or Jogindranath Bose, or Dineschandra Sen.

Nabinchandra Sen	... Prabhas
Abinashchandra Das	... Sita
Kaliprasanna Sinha	... Mahabharata (Nalopakhyana)
Hemchandra Sarkar	... Bibidha Prabandha
Tarasankar Kabiratna	... Kadambari (expurgated edition by Charuchandra Banerjee)
Akshaykumar Datta	... Charupath, Part III
Isanachandra Ghosh	... Jatak, Vol. I. (Nos. 1 to 50 and Introduction)
Chandranath Basu	... Sabitritattwa (abridged edition)
Sasibhushan Chatterjee	... Ramer Rajyabhisek

URDU*(For female candidates)*

Taubat-un-Nasuh (first three Fasl's)

Nusaddas-i-Hali (whole)

HINDI.*(For Female candidates)*

Harischandra	... Charitavali
Pratapnarayan Misra	... Sangit Shakuntal
Lala Sitaram	... Nitibatika

ASSAMESE.*(For Female Candidates.)*

Mahabharat (Vanaparva), selected pieces published by Sibnath Bhattacharyya, Nitisiksha, Part III, by Padmanath Barua.

Sakuntala (Translation), by Lambodar Bora

KHASI.

*(For Female Candidates.)**Prose.*

Ka Kitab Nium-Khein **Ki Khasi** (a book on the religion and social system of the Khasi people), by U. Rabon Singh.

Book of Job (in Khasi, page 620 of Khasi Bible), or Pilgrim's Progress (in Khasi).

Verse.

Ka Jingsneng Tymmen, Part I. U. Radhan Singh Berry (sayings of the Ancients).

Ka Jingsneng Tymmen, Part II, U. Radhan Singh Berry (sayings of the Ancients).

PALI.

Andersen's Pali Reader

The course also includes a knowledge of Pali Grammar of higher standard than that required at the Matriculation Examination.

GRAMMAR RECOMMENDED.

E. Muller	... Pali Grammar
	or
Satischandra Vidyabhusan	... Kaccayana

ARABIC.

University Selections compiled and edited by Dr. E. D. Ross, C.I.E., Ph. D. (The whole).

PERSIAN

University Selections compiled and edited by Dr. E. D. Ross, C.I.E., Ph. D. omitting Pages 1-11 and 62-76

HEBREW

Genesis	... 15-37
Isaiah	... 40-55
Psalms	... 90-106
The Book of Ruth	

SYRIAC.

Paper I—Biblical (Peshitto Version)—

- | | |
|---------------------|---------------|
| 1. The Book of Acts | ... Ch. I-XX |
| 2. Psalms | ... Ch. I-XXV |

Paper II—Non-Biblical—

1. Bar-Hebraeus—Nomo-Canon Ch. VII. Sec. I-V.
2. St. Ignatius—
 - (i) Epistle to Polycarp.
 - (ii) Epistle to the Ephesians
 - (iii) Epistle to the Romans

GRAMMAR.

Robinson's Syriac Grammar (whole)

CLASSICAL ARMENIAN.

Prose.

Moses of Koren's History of Armenia, Part II.

Poetry.

Elishe Vardapiet Doorian's Course of Classical Armenian, Part II.

The course also includes Armenian Grammar, of which a fuller knowledge will be required than at the Matriculation Examination.

GREEK.

Harodotus	... Book I (Chapter 1--94)
Plato	... Apologia
Homer	... Odysseey, Book XI
Sophocles	... Antigone

LATIN.

Cicero	... Lege Manilia
Livy	... Book XXI
Horace	... Odes, III and IV

FRENCH.

Michaud	... Histoire de la Premiere Croisade edited by A. V. Houghton (Macmillan)
H. E. Berthon	... Specimens of Modern French Verse, Part I. (Macmillan & Co.)

GERMAN.

Theodor Fontane	... Vor Dem Sturm (Macmillan)
Schiller	... Selections from Lyrical Poems, edited by Turner and Morshead (Macmillan)

The course also includes German Grammar.

HISTORY.

The following Books are recommended :—

Tout	... Advanced History of Great Britain
A. D. Innes	... History of England
Gardiner	... Students' History of England
Bury	... History of Greece for Beginners (N. B. This book comes down only to 322 B. C.)
Smith	... Smaller History of Greece, revised by Marindin

Smith	... Smaller History of Rome revised by Greenidge
Shuckburgh	... History of Rome for Beginners
Merivale and Puller	... School History of Rome (only the portion from Actium to the end)
Breasted	... Ancient Times (Greece and Rome)

LOGIC.

The subject of Logic is to be studied as defined by the syllabus. Students are recommended to use one or more of the following books, or select portions thereof, with special reference to the course laid down in the syllabus:—

Carveth Read	... Logic, Deductive and Inductive
Bain	... Logic (Deductive and Inductive)
Mitra (A. C.)	... Principles of Logic (Deductive and Inductive)
P. K. Ray	... Deductive and Inductive Logic
Prakaschandra Sinha	... Tarka-Vignan

Preparatory Reading—Before joining the regular class students are advised to read—

Creighton	... Introductory Logic Parts I and II
Jevons	... Elementary Lessons in Logic

The following books are recommended for the guidance of teachers and for advanced reading:—

Hamilton	... Lectures on Logic
Mill	... System of Logic
Jevons	... Principles of Science
Joseph	... Logic
Bosanquet	... Logic
Sigwart	... Logic
Ueberweg	... System of Logic and History of Logical Doctrines
Venn	... Empirical Logic
Keynes	... Formal Logic
Westaway	... Scientific Method. Its Philosophy and Practice
Welton	... Logic, Vols. I and II
Encyclopædia of Philosophical Science	Volume on Logic

I.A. AND I.Sc. EXAMINATIONS.

MATHEMATICS.

No text-books are prescribed. The subject is to be taught in accordance with the syllabus prescribed in the Regulations.

The following books are recommended:—

Asutosh Mukhopadhyay	... Geometry of Conics
Jessop and Havelock	... Elementary Mechanics
D. N. Mallik	... Elementary Dynamics
Loney	... Elements of Statics and Dynamics
Turner and Bose	... Intermediate Mechanics

GEOGRAPHY

Students who wish to offer Geography at the Intermediate Examinations are required to read either —

- | | |
|------------------|---|
| A. J. Herbertson | ... The Oxford Geographies, Vol. III |
| | <i>or</i> |
| L'Estrange | ... A Progressive Course in Comparative Geography |

and the following books are recommended to be used by the students in studying the subject in accordance with the syllabus prescribed in the Regulations :—

- | | |
|---|---|
| H. R. Mill | ... The Realm of Nature |
| | <i>or</i> |
| Tarr | ... Physical Geography |
| Simons and Richardson | ... Introduction to Practical Geography |
| W. A. Elderton | ... Maps and Map-drawing |
| Fanthorpe | ... Physical Atlas and Map-drawing |
| Blanford | ... Rudiments of Physical Geography for the use of Indian Schools |
| Bartholomew (with introduction by Lyde) | Economical Atlas. (Oxford University Press) |

PHYSICS.

- | | |
|----------------|--|
| Aldous | ... Elementary Course of Physics |
| Watson | ... Elementary Practical Physics |
| Rajanikanta De | ... Introduction to the Study of Sound |

CHEMISTRY.

- | | |
|----------------------------|---|
| W. A. Shenstone | ... Inorganic Chemistry |
| Perkin and Lean | ... Introduction to the Study of Chemistry |
| Donnington | ... Practical Exercises in Chemistry |
| P. C. Ray | ... Elementary Inorganic Chemistry |
| P. C. Ray | ... Practical Inorganic Chemistry |
| Haridas Saha and Chaudhuri | ... A Course of Practical Chemistry for Intermediate Students |
| D. N. Mukherjee | ... Elements of Inorganic Chemistry |
| Donnington | ... A Class book of Chemistry (Parts I-IV.) (Macmillan) |

PHYSIOLOGY.

- | | |
|--------|---|
| Hill | ... Manual of Human Physiology |
| Huxley | ... Lessons in Elementary Physiology (latest edition) |

BOTANY.

- | | |
|---------------|--|
| Farmer J. B. | ... Practical Introduction to the Study of Botany (London, 1905) |
| Bailey, L. H. | ... Botany, an Elementary Text for Schools (New York, 1901) |
| Darwin, F. | ... Elements of Botany (Cambridge latest edition) |
| Fyson, P. F. | ... A Botany for India |

Candidates who take up Botany will be required to possess a special knowledge of the following Natural Orders of plants :—

- | | |
|---------------------|---------------------|
| (1) Cruciferae. | (7) Compositae. |
| (2) Malvaceae. | (8) Solanaceae. |
| (3) Leguminosae. | (9) Acanthaceae. |
| (4) Cucurbitaceae. | (10) Euphorbiaceae. |
| (5) Asclepiadaceae. | (11) Scitamineae. |
| (6) Rubiaceae. | (12) Graminaceae. |

At the Intermediate Examinations in Arts and Science a study of the outline of the life history of the following "Selected plants" is required to illustrate the gradual ascent in complexity of structure and reproductive cycle from the lowest fungi and algae to the phanerogams :—

- | | |
|------------------------|----------------------|
| (1) Yeast. | (6) Selaginella. |
| (2) Mucor or Eurotium. | (7) A Conifer. |
| (3) Spirogyra. | (8) A Monocotyledon. |
| (4) A Moss. | (9) A Dicotyledon. |
| (5) A Fern. | |

ZOOLOGY.

- | | |
|-------------------|---|
| J. Arthur Thomson | ... Outlines of Zoology (such portions of it as are required in the Syllabus) |
| R. E. Lloyd | ... An Introduction to Biology for students in India |
| A. D. Imms | ... A Laboratory Sketch Book of Zoology for Indian Students (such portions of it as relate to the types prescribed in the Syllabus) |

GEOLOGY

Not text-books are prescribed or recommended. The subject is to be studied with the help of the Syllabus prescribed in the Regulations.

INTERMEDIATE EXAMINATIONS IN ARTS & SCIENCE, 1922.

ENGLISH.

Poetry.

Calcutta University Selections. (Portions to be read will be specified later).

Prose.

Calcutta University Selections. (Portions to be read will be specified later).

Selections from the Bible, (Published by University) (Portions to be read will be specified later).

A paper will be set on Essay, Prosody and Rhetoric, and some questions will be set on unseen passages from works of the same standard of difficulty as those prescribed for the Matriculation Examination.

Candidates are expected to possess only a knowledge and understanding of the prescribed pieces (both Prose and Poetry); questions will not be set to test their knowledge of the lives, works and styles of the authors, beyond what is involved in the set pieces themselves.

I.A. EXAMINATION.

BENGALI.

(Books recommended to be read as presenting models of style.)

Saratchandra Sastri	... Dakshinapatha Bhraman
Jogendranath Basu	... Patibrata Part II
Mozammel Haque	... Maharshi Mansur
Bijaychandra Majumdar	... Prachin Sabhyata
Mohammad Yakub Ali	... Santidhara
Jagatchandra Sen	... Brahmachari

I.Sc. EXAMINATION.

(Books recommended to be read as presenting models of style.)

Kaliprasanna Ghosh	... Nibhrta Chinta
Sasibhushan Sen	... Karmakshetra
Haranchandra Rakshit	... Sahitya Sadhana
Abdul Jabbar	... Debi Rabia
Aswinikumar Chatterjee	... Sarbadharma
Rajkrishna Banerjee	... Telemachus

I.A. & I.Sc. EXAMINATIONS.

HINDI.

(Books recommended to be read as presenting models of style.)

Harischandra	... Charitavali
Pratapnarayan Misra	... Sangit Shakuntal
Godhadhar Singh	... Kadambari
Lala Sitaram	... Nitibatika

ASSAMESE.

(Books recommended to be read as presenting models of style.)

Hemchandra Barooah	... Kathamala
Satyanath Borah	... Sarathi
Rajanikanta Bardolai	... Manomali
Hemchandra Goswami	... Assamese Language
Padmanath Barooah	... Nitisiksha, Part III

KHASI.

(Books recommended to be read as presenting models of style.)

1. Ka Kitab Niam-Khein Ki Khasi (a book on the religious and social system of the Khasi people) by U. Rabon Singh.
2. The Book of Job
3. The Pilgrim's Progress
4. Ka Kitab Jing Phawar, by U. Rabon Sing

BURMESE.

(Books recommended to be read as presenting models of style.)

- | | |
|-----------------------------|----------------------------|
| 1. Maha-Janaka Jataka Vathu | 2. Vedura-Jataka Vathu |
| 3. Sandakumara Jataka Vathu | 4. U. Ponya Myttazza |
| 5. Mahalankara Vathu | 6. Thamane Gyaw Loba Vathu |

NEPALI.

(Books recommended to be read as presenting models of style.)

Durga Debi .. Anusya Sita Sanbad
 "Sankshipta Bharata"

URIYA

(Books recommended to be read as presenting models of style.)

Charupath, Part III, translated by Bichhanda Patnaik

Ramsankar Ray	... Bibasini
Sasibhushan Ray	... Dakshinatyā Bhraman

Adiparba of Mahabharata (Anukramanika and Parbasangrahadhyay),
 translated by Gobindachandra Mohapatra.

URDU.

(Books recommended to be read as presenting models of style.)

Al Mamun	... Shibli
Malikul Aziz wa Virginia	
Hayat-i-Sa'adi	... Hali
Musaddas-i-Hali	

I.A. EXAMINATION.**SANSKRIT.***Poetry.*

Kumar Sambhava	... Cantos I and II, with Millinatha's com-
	... mentary
Bhattikavyam	... Cantos I and II

Prose.

University Sanskrit Selections—Mahabharatam, pages 2—10 and 54—50 (edition of 1916).

Dasakumaracharitam, pages 61—80.

Grammar Recommended

Elementary Sanskrit Grammar, by Dr. G. Thibaut (published by the University.)

Panini Parisishtha Byakarana, by Debendrakumar Vidyaratna (for reference only.)

BENGALI.

(For Female Candidates)

Krittibas-Ramayan (Ajodhya Kanda), edited by Ramananda Chatterjee or Jogendranath Bose or Dineschandra Sen.

Michael Madhusudan Datta	... Chaturdaspadi Kabitabali, edited by Dinanath Sanyal
Nabinchandra Sen	... Prabhas
Rabindranath Tagore	... Geetanjali
Kaliprasanna Sinha	... Mahabharata (Nalopakhyan)
Tarasunkar Kaviratna	... Kadambari (expurgated edition by Charuchandra Banerjee)
Bhudeb Mookerjee	... Samajik Prabandha
Chandranath Basu	... Sabitritattwa (abridged edition)
Gooroo Dass Banerjee	... Jnan-o-Karma
Isanchandra Ghosh	... Jatak, Vol. I, (Nos. 1 to 25 and Introduction)

URDU.

(For Female Candidates).

Tauhat-un-Nasuh (first three Fasl)

Musaddas-i-Hali (whole)

HINDI.

(For Female Candidates),

- | | |
|------------------------|----------------------|
| 1. Harischandra | ... Charitavali. |
| 2. Pratapnarayan Misra | ... Sangit Sakuntal. |
| 3. Lala Sitaram | ... Nitibatika. |

ASSAMESE.

(For Female Candidates).

1. Mahabharat (Vanaparbha) selected pieces published by Shibnath Bhattacharyya.
2. Nitistiksha, Part III, by Padmanath Barua.
3. Sakuntala (Translation), by Lambodar Bora.

KHASI.

(For Female Candidates).

Prose.

1. Ka Kitab Niam-Khein Ki Khasi (a book on the religion and social system of the Khasi people), by U. Rabon Singh
2. Book of Job (in Khasi, page 629 of Khasi Bible); or Pilgrim's Progress (in Khasi)

Verse.

3. Ka Jingsneng Tymmen, Part I, U. Radhan Singh Berry (sayings of the Ancients)
4. Ka Jingsneng Tymmen, Part II, U. Radhan Singh Berry (sayings of the Ancients)

PALI.

Anderson's Pali Reader.

The course also includes a knowledge of Pali Grammar of higher standard than that required at the Matriculation Examination.

Grammar Recommended

E. Muller	... Pali Grammar
	or
Satischandra Vidyabhushana	... Kaceayana

PERSIAN.

University Selections compiled and edited by Dr. E. D. Ross, C.I.E., Ph.D. omitting pages 1-11 and 62-76

ARABIC.

University Selections compiled and edited by Dr. E. D. Ross C.I.E., Ph.D. (the whole).

HEBREW

Genesis	...	...	...	...	15-37
Isaiah	...	...	...	...	40-55
Psalms	...	...	...	...	90-106
The Book of Ruth					

SYRIAC.

Paper I—Biblical (Peshitto version)

1. The Book of Acts ... Ch. I-XX.
2. Psalms ... Ch. I-XXV.

Paper II—Non-Biblical

1. Bar Hebraeus—Nomo-Canon Ch. VII. Sec. 1-V-
2. St. Ignatius--
 - (i) Epistle to Polycarp
 - (ii) Epistle to the Ephesians
 - (iii) Epistle to the Romans

Grammar.

Robinson's Syriac Grammar (whole).

CLASSICAL ARMENIAN.*Prose.*

Moses of Khoren's History of Armenia, Part II.

Poetry.

Elishe Vardepiet Doorian's Course of Classical Armenian, Part II.

The Course also includes Armenian Grammar, of which a fuller knowledge will be required than at the Matriculation Examination.

GREEK.

Plutarch	... Pericles
Plato	... Apologia
Homer	... Odyssey, Book XI
Sophocles	... Antigone

LATIN.

Cicero	... Pro Lige Manilla
Livy	... Book XXI
Horace	... Odes, III and IV

FRENCH.

Michaud	... Histoire de la Première Croisade, edited by A. V. Houghton (Macmillan)
H. E. Berthon	... Specimens of Modern French Verse, Part II (Macmillan and Co.)

GERMAN.

Theodor Fontan	... Vor Dem Sturm (Macmillan)
Schiller	... Selections from Lyrical Poems, edited by Turner and Morshead (Macmillan)

The Course also includes German Grammar.

HISTORY.

The following books are recommended —

Paper I—History of England.

G. T. Warner & C. H. K. Marten	... The Groundwork of British History
Gardiner	... Students' History of England

Paper II—Greece and Rome.

Bury	... History of Greece for Beginners (N.B.—This book comes down only to 322 B. C.)
Smith	... Smaller History of Greece, revised by Marindin
Smith	... Smaller History of Rome, revised by Greenidge
Merivale and Puller	... School History of Rome (only the portion from Actium to the end)
Breasted	... Ancient Times (Greece and Rome) Chapters to be read will be prescribed later

LOGIC.

The subject of Logic is to be studied as defined by the syllabus. Students are recommended to use one or more of the following books, or select portions thereof, with special reference to the course laid down in the syllabus—

Carveth Read	... Logic, Deductive and Inductive
Bain	... Logic (Deductive and Inductive)

Mitra (A. C.)	... Principles of Logic (Deductive and Inductive)
P. K. Ray	... Deductive and Inductive Logic
Prakaschandra Sinha	... Tarka Vijnan

Preparatory reading :—

Students are advised to read—

Creighton	... Introductory Logic, Parts I and II
Jevons	... Elementary Lessons in Logic

before joining the regular class.

The following books are recommended for the guidance of teachers and for advanced reading :—

Hamilton	... Lectures on Logic
Mill	... System of Logic
Jevons	... Principles of Science
Joseph	... Logic
Bosanquet	... Logic
Sigwart	... Logic
Ueherweg	... System of Logic and History of Logical Doctrines
Venn	... Empirical Logic
Keynes	... Formal Logic
Westaway	... Scientific Method. Its Philosophy and Practice
Welton	... Logic, Vols. I and II
Encyclopædia of the Philosophical Sciences	} Volume on Logic
Lotze	... Logic
Croce	... Logic as the Science of Pure Concept
Hobhouse	... Theory of Knowledge

I.A. AND I.Sc. EXAMINATIONS.

MATHEMATICS.

No text-books are prescribed. The subject is to be taught in accordance with the syllabus prescribed in the Regulations.

The following books are recommended :—

Asutosh Mukhopadhyay	... Geometry of Conics
Jessop and Havelock	... Elementary Mechanics
D. N. Mallik	... Elementary Dynamics
Loney	... Elements of Statics and Dynamics
Turner and Bose	... Intermediate Mechanics

GEOGRAPHY.

Students who wish to offer Geography at the I. A. Examination are required to read—

A. J. Herbertson	... The Oxford Geographies, Vol. III
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and the following books are recommended to be used by the students in studying the subject in accordance with the syllabus prescribed in the Regulations :—

H. R. Mill	... The Realm of Nature
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or

Tarr	...	Physical Geography
Simons and Richardson	..	Introduction to Practical Geography
W. A. Elderton	...	Maps and Map-drawing
Fanthorpe	...	Physical Atlas and Map-drawing
Blandford	...	Rudiments of Physical Geography for the use of Indian Schools
Bartholomew (with introduction by Lyde)	by	Economical Atlas. (Oxford University Press)

PHYSICS.

Aldous	...	Elementary Course of Physics
Rajanikanta De	...	Introduction to the Study of Sound
Glazebrooke	...	Heat
Glazebrooke	...	Light
Hadley	...	Elementary Electricity and Magnetism
Watson	...	Elementary Practical Physics

CHEMISTRY.

W. A. Shenstone	...	Inorganic Chemistry
Perkin and Lean	...	Introduction to the Study of Chemistry
P. C. Ray	...	Elementary Inorganic Chemistry
P. C. Ray	...	Practical Inorganic Chemistry
Haridas Saha and Kumudnath Chaudhuri	A course of	Practical Chemistry for Intermediate Students
D. N. Mukherjee	...	Elements of Inorganic Chemistry
Donnington	...	A Class book of Chemistry (Parts I- IV.) (Macmillan)

PHYSIOLOGY

Hill	...	Manual of Human Physiology
Huxley	...	Lessons in Elementary Physiology (latest edition)

BOTANY.

Farmer, J. B.	...	Practical Introduction to the Study of Botany (London, 1905)
Bailey, L. H.	...	Botany, an Elementary Text for Schools (New York, 1901)
Darwin, F.	...	Elements of Botany (Cambridge, latest edition)
Fyson, P. F.	...	A Botany for India
Woodhead	...	The study of Plants

Candidates who take up Botany will be required to possess a special knowledge of the following Natural Orders of plants :—

(1) Cruciferae.	(7) Compositae.
(2) Malvaceae.	(8) Solanaceae.
(3) Leguminosae.	(9) Acanthaceae.
(4) Cucurbitaceae.	(10) Euphorbiaceae.
(5) Asclepiadaceae.	(11) Scitamineae.
(6) Rubiaceae.	(12) Graminaeae

At the Intermediate Examinations in Arts and Science a study of the outline of the life history of the following "Selected Plants" is required to illustrate the gradual ascent in complexity of structure and reproductive cycle from the lowest fungi and algae to the phanerogams :—

- | | |
|------------------------|----------------------|
| (1) Yeast. | (6) Selaginella. |
| (2) Mucor or Euroteum. | (7) A Conifer. |
| (3) Spirogyra. | (8) A Monocotyledon. |
| (4) A Moss. | (9) A Dicotyledon. |
| (5) A Fern. | |

ZOOLOGY.

- | | |
|-------------------|---|
| J. Arthur Thomson | ... Outlines of Zoology (such portions of it as are required in the Syllabus) |
| R. E. Lloyd | ... An Introduction to Biology for students in India |
| A. D. Imms | ... A Laboratory Sketch Book of Zoology for Indian Students (such portions of it as relate to the types prescribed in the Syllabus) |

GEOLOGY.

No text-books are prescribed or recommended. The subject is to be studied with the help of the Syllabus prescribed in the Regulations.

B.A. EXAMINATION, 1920.

ENGLISH.

Pass Course.

- | | |
|-------------|--|
| Shakespeare | ... { Merchant of Venice |
| | ... { Henry V |
| Milton | ... Paradise Lost, Books X, XI and XII |
| Palgrave | ... Golden Treasury of Songs and Lyrics, Book IV |
| Burke | ... Speech on Conciliation with America |
| Landor | ... Imaginary Conversations
(Published by the University) |

Select English Speeches of the Nineteenth Century with introduction by C. J. Sisson (Oxford University Press)

Honours Course.

(In addition to the books prescribed for the Pass Course)

- | | |
|-------------|--|
| Shakespeare | ... Coriolanus |
| Greene | ... Friar Bacon and Friar Bungay |
| Shelley | ... Adonais |
| Bryce | ... Studies in Contemporary Biography |
| | or |
| Burke | ... Speech on American Taxation |
| | and |
| Morley | ... Burke (Englishmen of Letters Series) |

The following books are recommended for the study of the Philology of the English Language and the History of English Literature :—

Earle	... Philology of the English Tongue
Thomson	... Students' English Literature, founded upon the Manual of Thomas B. Shaw
Saintsbury	... Short History of English Literature

The following books are prescribed for candidates who take up the alternative paper in English :—

Matthew Arnold	... Essays in Criticism, Second Series (Essays I—VII only)
Ruskin	... The Crown of Wild Olive (omitting the Essay on "The Future of England").

VERNACULAR COMPOSITION

BENGALI

(Books recommended to be read as presenting ideals of character and models of style.)

Bankimchandra Chatterjee	... Kapalkundala
Chandicharan Banerjee	... Life of Vidyasagar
Rajendranath Vidyabhusan	... Kalidasa

HINDI

(Books recommended to be read as presenting ideals of character and models of style.)

Harischandra	... Satya Harischandra
Lakshmana Sinha	... Sakuntala
Mayasankar Dube	... Swapna Vasabhatta

ASSAMESE.

(Books recommended to be read as presenting ideals of character and models of style.)

Selections from Katha Bhagabat—

1. Sri Krishner Janma
2. Kaliya-daman
3. Varsha aru Sarat Varnana

Selections from Jonaki -

1. Samsara Pravaha
2. Atma-Samyama
3. Sakuntala (by I ambodar Bora) (the whole)

BURMESE.

(Books recommended to be read as presenting ideals of character and models of style.)

Buridat Zat	|	Narada Zat
Zinatthapakathani		

URIVA.

(Books recommended to be read as presenting ideals of character and models of style.)

Radhanath Ray ... Mahajatra, Cantos I--IV
Raghuvansa, translated by Bichhanda Patnaik

URDU.

(Books recommended to be read as presenting ideals of character and models of style.)

Nairang-i-khayal, by Azad
Ibn-ul-Waqt, by Nazir Ahmad
Selections of Urdu, by Jalaluddin Ahmad Jafri

NEPALI.

(Books recommended to be read as presenting ideals of character and models of style.)

Harihar Acharyya ... { Sakuntalopakhyan
... { Bidulaputra Sambad

SANSKRIT.

Pass Course

Poetry.

Manusamhita ... Chapters I and II with Kulluka's
commentary
Sisupalabadha ... Cantos I and II with Mallinath's
commentary

Drama.

Abhijnanasakuntalam
Mudrarakshasa
Macdonell ... History of Sanskrit Literature (omitting
Chapter II—IX)

Grammar

Panini Primer, by Debendrakumar Vidyaratna (for reference only)

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Poetry,

Bhattikavyam ... Cantos XII and XIII
Kadambari ... Pages 1—24, Bombay edition
Rigveda Samhita ... Hymns from the Rigveda, with
Sayana's commentary, edited by
Peterson, Part I, Suktas 1—12
Weber ... History of Sanskrit Literature (Tran.
by Mann & Zachariæ, pp. 1-171).

Grammar and Rhetoric.

Siddhanta Kaumudi—Karaka and Samasa

Dandi—Kavyadarsa

Sahitya Darpan, Chapter VI

Students are recommended to consult Macdonell's Vedic Grammar

PALI.

Pass Course.

Poetry

Dhammapada

.. Khuddaka Patha

Prose.

Milinda-panha (Trenckner's edition), pages 1—126.

Dhammapada—Attha-Katha, Vol 1, edited by Mr. Norman in the P. T. S

Grammar.

Rupasiddhi (Rangoon or Colombo edition)

Kielhorn's Sanskrit Grammar

COMPARATIVE PHILOLOGY.

Sayce

... Principles of Comparative Philology
(omitting the appendices)*Honours Course.*

(In addition to the book prescribed for the Pass Course)

Mahavamsa	...	Chapters 1—5	[Sutta
Dighanikaya	...	Mahagovinda Sutta, Mahaparinibbana	
Rhys Davids	...	Buddhist India	

PERSIAN.

Pass Course.

Persian Selections compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirza Ashraf Ali, omitting the following portions from the Poetry pieces.—

Shah Nama	...	Pages 140-152 (12 pages) from Nama-1 Kaus to Rustom
Masnavi Rum	...	Pages 167-180 (14 pages) from Fil Munajat
Qaani	...	Pages 201-203 (8 pages)
Hafez	...	pages 227-240 (14 pages) (from Radif-i-Dal)

The Pass Course includes the elements of Persian Prosody and Rhetoric and a knowledge of Arabic Grammar up to the Intermediate Standard.

Honours Course.

(In addition to the pieces selected for the Pass Course.)

The Honours Persian Course compiled by Lieutenant-Colonel D. C. Phillot, I.A.

The Honours Course includes the Outlines of Mahomedan History in so far as it relates to Persia, Central Asia and India and the History of Persian Literature.

ARABIC.

Pass Course.

Selections in Arabic compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirza Ashraf Ali and prescribed for the B.A. Pass Examination in 1910-11, Parts I and II.

Grammar.

Arabic Grammar according to Modern Method, to be published by the University.

Honours Course.

(In addition to The books prescribed for the Pass Course.)

University Selections to be compiled and edited by Shams-ul-Ulama Ahmad and Sham-ul-Ulma Abu Nasr Muhammad Waheed, M.A.

The Honours Course in Arabic also includes the elements of Arabic Prosody and Rhetoric; the outlines of Mahomedan History down to the fall of the Abbasid Caliphate; and a general knowledge of the History of Arabic Literature

CLASSICAL ARMENIAN.

Pass Course

Poetry.

Bagratounie's translation of *Paradise Lost*, Books IX, X, XI and XII.

Prose.

Agathangalo's History, Parts I and III.

Moses of Khoren's History.

The course includes the History of Armenia

Honours Course.

(In addition to the book prescribed for the Pass Course.)

Poetry.

Bagratounie's *Haik Dientsazn*, Books I, II, III, IV and V.

Prose

John Catholicas

|

Elishe

The course includes the History of Armenian Literature and the Elements of Armenian Philology.

HEBREW.

Pass Course.

Judges and I Samuel

Psalms

...

I-XLI

Proverbs

...

I-20

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Two of the minor prophets, Amos and Hosea

SYRIAC.

*Pass Course.**Paper I.*

- The Book of Leviticus (the Peshitto Version.)
 The Epistle to the Hebrews (the Peshitto Version.)
 The Liturgy of S. James.

Paper II.

- Mar Ephrem : The Epistle to Montanos (Opera Selecta : overbeck).
 The Book of the Dead.

Paper III.

- Wright : History of Syriac Literature
 Recommended—
 Noldeke : Compendious Syriac Grammar

Honours Course.

(In addition to the books recommended for the pass Course.)

Paper IV.

- Philexinos of Mabbogh : Discourses on Poverty (Royal Society of Literature)
 Bar-Hebraeus Homilies on the Passion.

Paper V

- Select Narratives of Holy Women—Eugenia (Studia Sinaitica No. IV).
 Eusebius—Ecclesiastical History Books I-III. (Wright and McLean).

Paper VI.

- A. Fortescue The Orthodox Eastern Church
 A. Fortescue. The Lesser Eastern Churches

GREEK.

Pass Course.

- | | | |
|-------------|-----|---------------------------|
| Homer | ... | Iliad, Books II and III |
| Sophocles | ... | Antigone |
| Plato | ... | Meno |
| Demosthenes | ... | Phillipics, I, II and III |

Honours Course.

(In addition to the books prescribed for the Pass Course.)

- | | | |
|--------------|-----|-----------------------|
| Æschylus | ... | Prometheus Vincetus |
| Aristophanes | ... | Aves |
| Thucydides | ... | Book I, Chapters 1—80 |

Permanent Subjects.

The following books may be consulted:—

Philology of the Greek Language—

Giles	... Comparative Philology
History of Classical Greek Literature—	
Murray	... Greek Literature

LATIN.**Pass Course.**

Cicero	... Second Phillipic
Livy	... Book XXI
Virgil	... Aeneid, Books XI and XII
Horace	... Epistles, Book I

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Lucretius	... Book I
Seneca	... Epistolæ
Cicero	... Letters (Tyrrell's Selections)
Tacitus	... Historiæ, Book I
Virgil	... Georgica

Permanent Subjects.

The following books may be consulted—

Philology of the Latin Language—

Lindsay	... Historical Latin Grammar
History of Latin Literature to the end of the Augustan Period—	
Mackail	... Latin Literature

FRENCH.**Pass Course**

Alphonse Daudet	... <i>Letters de Mon Moulin</i> , edited by C. H. Clarke (Macmillan)
Thierry	... <i>Lettres sur l' Histoire de France</i> , edited by Masson and Prothero
Berthon	... <i>Specimens of Modern French Verse</i> , Part I
Rostand	... <i>Cyrano de Bergerac</i>

The Course also includes French Grammar and the outlines of French History.

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Corneille	... <i>Cid</i>
Molière	... <i>L'Ecole des Femmes</i>
Victor Hugo	... <i>Notre Dame de Paris</i>

The course also includes French Grammar and the outlines of French History and also the elements of French Philology and the History of a selected period of French Literature.

Grammar recommended.

V. de Vivas	... Grammaire des Grammaires
Text-book in French Philology recommended —	
Darmesteter	... Historical French Grammar
Brachet	... Grammaire Historique de la Langue Francaise

The period of French Literature selected for 1920 is the 17th century.

GERMAN.

Pass Course.

Heinrich von Kleist	... Michael Kohlhaas
Schiller	... Wallenstein's Tod
Hauff	... Das Wirtshaus Im Spessart, edited by G. E. Fasnacht (Macmillan & Co.)

The course includes, in addition to the prescribed texts, Grammar in the outlines of German History.

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Goethe	... Iphigenie auf Tauris
Lessing	... Nathan der Weise
Paul Heyse	... Kinder der Welt

The course includes in addition to the prescribed texts, Grammar and the outlines of German History and also the elements of German Philology and the History of a selected period of German Literature.

Grammar recommended

J. Wright	... Historical German Grammar (The period selected for 1920 is 1750—1882)
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HISTORY.

Pass Course

Paper I.

Lodge—Modern Europe.

(Students are recommended to use the volumes included in the period of European History Series and use an Historical Atlas like Dow's. An Historical Atlas of Modern Europe from 1789 by Robertson may also be usefully consulted for the period which it covers.)

Paper II.

Period—The Age of Elizabeth

- (i) Green's History of the English People, Book VI, Chapters III—VII
- (ii) The Age of Elizabeth, by Creighton (Epoch of Modern History Series)

(iii) Elizabeth (Twelve English Satesmen Series), by Beesly. Students and teachers may refer to—

- (a) Froude's History of England
- (b) Cambridge Modern History Vol. III, Chapter VIII—XI
- (c) Political History of England, Vol. VI

Paper III.

Vincent Smith	... Early History of India
Elphinstone	... History of India omitting Book V Chapter I
A. D. Innes	... History of British India

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Paper IV.

Period from 479—404 B. C.—

Bury	... History of Greece
Holm	... Ditto
Grote	... Ditto

Paper V.

Period from 264—146 B. C.—

Shuckburgh	... History of Rome
Mommsen	... History of Rome, translated by Dickson

Paper VI.

Hallam	... Europe during the Middle Ages
Myers	... History of Middle Ages

Students are advised to refer to—

Church and State in the Middle Ages—Ford Lectures, by A. L. Smith

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY.

Pass Course

Paper I.

Marshall	... Economics of Industry
Gide	... Principles of Political Economy (Archibald's edition)
Jevons	... Money

Paper II.

Garner	... Introduction to Political Science
Woodrow Wilson	... The State
Ilbert	... Parliament, its History, Constitution and Practice (Home University Library)
Bryce	... Hindrances to Good Citizenship

The Indian Constitution—

Imperial Gazetteer, Vol. IV, pages 14—40

Paper III.

(Application of the Principles of Political Economy to Indian Topics)
Imperial Gazetteer Vols. III and IV.

Vol. III, Chapters I—VII, IX—X

Vol. IV, Chapters VI—VIII, XVI

Keynes ... Indian Currency and Finance

Land Revenue Administration (Calcutta University publication)

Land Revenue Policy of the Government of India 1902

Co-operative Credit Movement in India, by P. Mookerjee

Morison ... Economic Transition in India

Wolff ... People's Banks

Honours Course.

(In addition to the books recommended for the Pass Course)

Paper I

Withers ... Meaning of Money

R. T. Ely ... Outlines of Economics revised and
enlarged by Ely Adams, Lorenz and
Young (Macmillan & Co.)

Paper II.

Jenks ... Principles of Politics

Alston ... Modern Constitution

Paper III.

Census of India Report, 1911, Chapter XII.

Paper IV.

Flux ... Economic Principles

Pierson ... Principles of Economics

Paper V.

Specially selected texts—

Aristotle ... Politics (translated by Welldon or
Jowett)

Hobbes ... Leviathan

Paper VI.

(Essays.)

Books recommended for the guidance of teachers—

Mill ... Political Economy

Nicholson ... Principles of Political Economy

Sidgwick ... Development of European Polity

Marshall ... Principles of Economics

Green ... Principles of Political Obligation

Pollock ... Introduction to the History of the
Science of Politics

Ranade ... Essays on Indian Economics

Moreland ... Introduction to Economics for Indian
Students

Baden-Powell ... Land Systems of British India, 3 vols.

Fifth Report of the Select Committee of the House of Commons, 1812 (Extracts and Documents published by the Calcutta University.)

Field	... Introduction to Bengal Regulations
R. C. Dutt	... India in the Victorian Age
R. C. Dutt	... The Economic History of India under Early British Rule
R. C. Dutt	... Famines in India
Bryce	... American Common wealth (Revised edition)
Strachey	... India
A Lawrence Lowell	... Government and Parties in Continental Europe (2 vols.) Longmans, Green & Co.)
J. A. R. Marriott	... English Political Instructions
Palgrave	... Dictionary of Political Economy
Barker	... Political Thoughts of Plato and Aristotle
Wolff	... Co-operation in Agriculture
Nicholson	... Report on Agricultural Banks

Review of Trade of India, 1913-14.

Currency Commission's Report, 1893.

Currency Committee's Report, 1898.

Report of the Royal Commission on Currency and Finance, 1914.

Fifth Decennial Report on Moral and Material Progress, 1913.

Report of the Irrigation Commission, 1903.

Reports of the Famine Commission, 1898 and 1901.

Keatinge	... Rural Economy in the Bombay Deccan
Temperley	... Senates and Upper Chambers
Robertson	... Report on Railway Administration
Williams	... The Economics of Railway Transport

MENTAL AND MORAL PHILOSOPHY.

The following books are recommended to be used in studying the subject of Mental and Moral Philosophy as defined by the Syllabus.

PSYCHOLOGY.

Pass and Honours.

Hofding	... Outlines of Psychology
Wundt	... Human and Animal Psychology
Stout	... Manual of Psychology
James	... Text-book of Psychology
Stephen	... Elements of Analytical Psychology (3rd edition)
Sully	... Outlines of Psychology
Mitra (A. C.)	... Elements of Psychology (2 vols)
Agell	... Psychology

Preparatory Reading before joining the regular class—students are advised to read—

Titchener	... Primer of Psychology
Saratchandra Brahmachari	... Vyavaharik Manobijnan (Practical Psychology)
McDougall	... Psychology (Home University Library)

ETHICS.

Pass and Honours.

Seth	... Study of Ethical Principles
Martineau	... Types of Ethical Theory
Mackenzie	... Manual of Ethics
Mitra (A. C.)	... Elements of Morals

Preparatory Reading before joining the regular class—students are advised to read—

Muirhead	... Elements of Ethics
Mohitchandra Sen	... Elements of Moral Philosophy

GENERAL PHILOSOPHY

Pass and Honours.

Kulpe	... Introduction to Philosophy
Marvin	... Introduction to Philosophy
Paulsen	... Introduction to Philosophy
Watson	... An Outline of Philosophy

Preparatory Reading before joining the regular class—students are advised to read.—

Croom Robertson	... Elements of General Philosophy
Stephen	... Problems of Metaphysics

NATURAL THEOLOGY

Honours

Martineau	... Study of Religion
Flint	... Theism and Antitheistic Theories
Fraser	... Philosophy of Theism

Preparatory Reading before joining the regular class—students are advised to read—

Rogers	... Religious Conception of the World
Armstrong	... God and the Soul
Binayendranath Sen	... Intellectual Ideal

HISTORY OF PHILOSOPHY.

Honours.

The following books are recommended :—

Webb	... History of Philosophy
Falckenberg	... History of Modern Philosophy
Thilly	... History of Philosophy (Bell & Sons)

Preparatory Reading—

Schwegler	... History of Philosophy
Rogers	... History of Philosophy

SPECIAL TEXT.

Honours.

Rand	... Modern Classical Philosophers (Selections from Bacon, Descartes, Spinoza, Locke, Berkeley, Hume and Kant)
Green	... Prolegomena to Ethics, Book I

B.A. AND B.Sc. EXAMINATIONS, 1920.

MATHEMATICS.

Pass Course.

The following books are recommended:—

1. Higher Plane Trigonometry—

Todhunter	... Plane Trigonometry, edited by Hogg
Loney	... Plane Trigonometry
2. Plane Analytical Geometry—

C. Smith	... Elementary Treatise on Conic Sections
Loney	... Elements of Co-ordinate Geometry
3. Differential Calculus—

Edwards	... Differential Calculus for Beginners
Ganesh Prasad	... Differential Calculus
Taylor	... Differential and Integral Calculus and Differential Equations
4. Integral Calculus and Differential Equations—

Edwards	... Integral Calculus for Beginners
Taylor	... The Differential and Integral Calculus and Differential Equations
Ganesh Prasad	... Integral Calculus
5. Hydrostatics—

Besant	... Elementary Hydrostatics
Loney	... Elements of Hydrostatics
6. Astronomy.—

Parker	... Elements of Astronomy
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Students are recommended to use "Stars in the Northern Tropics" by T Bhattacharyya.

Honours Course.

1. Higher Algebra.—

Hall and Knight	... Higher Algebra
C. Smith	... A Treatise on Algebra
2. Elementary Theory of Equations—

Cajori	... Introduction to Theory of Equations Chapters I—VII
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Pass Practical.

Schüster and Lees	... Advanced Exercises in Practical Physics
Harrison	... A Course of Practical Physics
Glazebrook and Shaw	... Practical Physics
Allen and Moore	... A Text-book of Practical Physics (Macmillan & Co.)

Honours Course.

(In addition to the books prescribed for the Pass Course)

Poynting and Thomson	... Sound
Edser	... Heat for Advanced Students
Maxwell	... Theory of Heat
Edser	... Light for Students
Foster and Porter	... Elementary Treatises on Electricity and Magnetism
Wagstaff	... Properties of Matter

Honours Practical.

Watson	... Text-book on Practical Physics
Henderson	... Practical Physics

N.B.—Candidates who take up the Honours Course in Physics at the B.A. or B.Sc. Examination are recommended to refer to Saxelby's Practical Mathematics

CHEMISTRY

Pass Course.

Newth	... Inorganic Chemistry
Holleman	... Organic Chemistry
Francis Jones	... Practical Chemistry
Alexander Smith	... General Inorganic Chemistry
F. Mollwo Perkin	... Qualitative Chemical Analysis—Organic and Inorganic
J. B. Cohen	... Theoretical Organic Chemistry

Honours Course.

(In addition to the books recommended for the Pass Course).

H. C. Jones	... Elements of Physical Chemistry
Ostwald	... Foundations of Analytical Chemistry
J. Wade	... Introduction to the Study of Organic Chemistry
Clowes and Coleman	... Quantitative Analysis
Cohen	... Practical Organic Chemistry
Caven and Landor	... Systematic Inorganic Chemistry
Ostwald	... Outlines of General Chemistry
J. Walker	... Introduction to Physical Chemistry
F. Mollwo Perkin	... Practical Methods of Inorganic Chemistry

N.B.—Candidates who take up Chemistry at the B.A. or B.Sc. Examination are recommended to refer to Saxelby's Practical Mathematics.

BOTANY.**Pass Course.**

- | | |
|-----------------------------|--|
| Vines, S. H. | ... An Elementary Text-book of Botany, (London, 1905) |
| Scott, D. H. | ... Structural Botany, 2 Vols. (London, 1904-06) |
| Darwin F., and Acton, G. H. | ... Practical Physiology of Plants (Cambridge, latest edition) |
| Prain, D. | ... Bengal Plants (Calcutta, 1903) |
| | <i>or</i> |
| Roxburgh | ... Flora Indica, edited by C. B. Clarks (Calcutta, 1874) |
| Strasburger and Hill-house | ... Practical Botany (latest edition) |

Honours Course.

(In addition to the text-books for the Pass Course)

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|--------------------|--|
| Strasburger, E. | ... Text-book of Botany, translated by Porter, revised by Lang (Third Edition, London) |
| Reynolds Green, J. | ... Vegetable Physiology |
| Schimper, A. F. W. | ... Geography of Plants |
| Stopes | ... Fossil Botany |
| Bower | ... Practical Botany |

PHYSIOLOGY.**Pass Course.**

- | | |
|---|---|
| Halliburton | ... Hand-book of Physiology |
| Howell | ... Text-book of Physiology |
| | <i>Practical</i> |
| Schafer | ... Essentials of Histology and either |
| Milroy | ... Practical Physiological Chemistry |
| | <i>or</i> |
| Halliburton | ... Essentials of Chemical Physiology |
| | and |
| Brodie | ... Essentials of Experimental Physiology |
| | <i>or</i> |
| Beddard, Edkins, Hill, Pembrey and Macleod Practical Physiology | |

Honours Course.

(In addition to the books recommended for the Pass Course)

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|----------|------------------------------------|
| Starling | ... Principles of Human Physiology |
| Hill | ... Recent Advances in Physiology |
| Do, | ... Further Advances in Physiology |

Practical

The same as for the Pass Course.

SYLLABUS IN EXPERIMENTAL PHYSIOLOGY.

Pass Course.

The induction coil; single shocks, short circuiting key; effect of single shocks on the tongue; break-shock is stronger than the make-shock. Helmholtz's Modification; Neef's Hammer.

Pithing a frog; nerve-muscle preparation. Mechanical, Chemical, thermal and electrical stimulation of muscle and nerve.

The graphic method; simple lever; crank lever (myograph); moist chamber, minimal and maximal excitation with single induction shocks (make and break). Stimulation by constant current; contraction of muscle only a make and break.

The muscle curve.—Single contraction of a frog's muscle; the latent period, the period of contraction and the period of relaxation. Time-tracing by tuning-fork. Method of after-loading. The influence of temperature and of load on muscular contraction. The work performed by a muscle during a twitch

Elasticity and extensibility of muscle.

Summation of muscular contraction, tetanus.

Fatigue of muscle.

Thickening of a muscle on contraction.

Bernard's curare experiment.

Stimulation of a motor nerve, unequal excitability (greater nearer the centre of a motor nerve); excitability of flexor and extensor nerves.

Velocity of nerve-impulse (myographic method)

Electro-Physiology Galvani's experiment of contraction with metals. Galvani's experiment of contraction without metals.

The Frog's heart.—Beating of the heart; effect of heat and cold (heart in situ), section of the heart, effect of heat and cold on excited heart.

Stannius' experiment.

Graphic record of the beat of the heart (suspension method and also direct registration with heart-lever)

Pulse-Sphygmographic tracing.

Blood-pressure in man; Sphygmometer and Sphygmomanometer.

Reflex action (simple experiments on a pithed frog).

Vision:—Accommodation; Scheiner's experiment; near and far point.

Purkinje-Sanson's images; Phakoscope; Blind spot; Yellow spot; Colour vision: Complementary colours.

Honours Course.

Additional Experiments.—

The induction coil—Break extra-current of Faraday.

The Rheonome; Effect of sudden variation of current.

Isotonic and Isometric contraction.

Influence of veratrine on muscular contraction.

Indefatigability of nerve.

Excitation of muscle by constant current ; Polar excitation of a Muscle.

Electronus. Electrotonic changes in excitability and conductivity of a nerve.

Kuhne's experiment of contraction without metals.

Examination of currents in muscle, nerve and heart by means of the reflecting galvanometer.

Frog's heart—Minimal stimulus causes maximal contraction.

"Staircase effect." Single contraction of the ventricle.

Tetanus, Refractory period, Stimulation of the vagus.

Action of drugs (Muscarine digitalin. Pilocarpin and Atropin) on the heart.

Voice and Speech ; Laryngoscope.

Vision : Ophthalmoscope ; Perimeter.

ZOOLOGY.

Pass Course.

Boas	...	Text-book of Zoology.
Shipley and MacBride	...	Zoology.
Oskar Hertwig and H. J. Campbell.	J.	The Cell.
R. E. Lloyd	...	An Introduction to Biology for students in India.
P. J. Parker and W. N. Parker	...	An Elementary Course of Practical Zoology
Foster and Balfour	...	The Elements of Embryology (edited by Sedgwick and W. Heape.)
Wallace	...	Darwinism.
A. D. Imms	...	A Laboratory Sketch-book of Zoology for Indian students

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Miall and Hammond	...	The Structure and Life-History of the Harlequin Fly.
Miall and Denny	...	The Cockroach

GEOLOGY

No text-books are prescribed or recommended. The subject is to be studied with the help of the Syllabus prescribed in the Regulations.

B Sc. EXAMINATION.

EXPERIMENTAL PSYCHOLOGY.

The subject is to be studied as defined by the Syllabus. Students are recommended to use one or more of the following books :—

Pass Course

I.—General Psychology—

Yerkes	...	Introduction of Psychology
Wundt	...	Human and Animal Psychology
Titchener	...	Text-book of Psychology.
Lockley	...	The Nervous System (Longmans & Co.)

Preparatory Reading—Students are advised to read Titchener's *Primer of Psychology* before joining the regular class.

II.—Experimental Psychology—

- Sanford ... *Course in Experimental Psychology.*
 Myers ... *Text-book of Experimental Psychology, Part I—Text-book.*

Preparatory Reading—Students are advised to read Myers' *Primer of Experimental Psychology* before joining the regular class.

Laboratory Course—Titchener's *Experimental Psychology. Vol I, Part I and Vol. II, Part I (Student's Manual, Qualitative and Quantitative.)*

Myers—*Text-book of Experimental Psychology—Part II (Laboratory Course.)*

Honours Course

I.—General Psychology—Same as in the Pass Course with the addition of Kulpe's *Outlines of Psychology.*

II.—Physiological and Comparative Psychology.

- Wundt ... *Principles of Physiological Psychology. Vol. I, Part I, (The Bodily Substrate of Mental Life.)*
 Ladd ... *Elements of Physiological Psychology*
 Thorndike ... *Animal Intelligence*
 Llyod Morgan ... *Comparative Psychology*
 M. Greenwood (Jr.) ... *Physiology of the Senses*

III.—Experimental Psychology—

In addition to the books recommended for the Pass Course, the following —

- Scripture ... *New Psychology*
 Titchener ... *Lectures on the Psychology of the thought processes*
 Titchener ... *Instructor's Manual—Quantitative (Introduction)*

B. A. EXAMINATION, 1921.

ENGLISH.

Pass Course.

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|-------------------------------------|-----|---|
| Shakespeare | ... | { Comedy of Errors (text as in the edition by Prof. Scrimgeour, Calcutta University Press)
Henry V |
| Milton | ... | |
| Palgrave | ... | Comus |
| Burke | ... | Golden Treasury of Songs and Lyrics Book IV. (Oxford University Press) |
| Newman | ... | Speech on Conciliation with America |
| | ... | Literary Selections (Selections 2-11) (Longman's Class Book of English Literature) |
| Asquith | ... | Occasional Addresses, omitting Nos. 5, 7 and 11 |
| Selections from the Bible, Part III | ... | (Published by the University), pp. 31-57, 88-90, 96-97, 100-01, 114-15, 118-19, 121-23, 146-48, 168-73, 195-98, 204-06, 212-15, 226-29, 241-42, 250-52 ; (Students are expected to possess a general acquaintance with the Introduction in so far as it relates to the Old Testament) |

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Shakespeare	... Coriolanus
Matthew Arnold	... Merope
Sophocles	... Electra (tr: Whitelaw) edited by J. C. Collins, (Oxford University Press)
Palgrave	... Golden Treasury of Songs and Lyrics—additional poems (Tennyson, Matthew Arnold, D. J. Rossetti, Swinburne, E. B. Browning and Robert Browning only) (Oxford University Press)
DeQuincey	... Revolt of the Tartars, the English Mail Coach

Representative Essays in Modern Thought—edited by Steeves and Ristine (American Book Co.), Essays I, II, X, XVII and XVIII.

Bryce	... Studies in Contemporary Biography (Studies on Beaconsfield, Trollope, J. R. Green, Jessel, Freeman, Bowen and Gladstone only)
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The following books are recommended for the study of the Philology of the English Language and the History of English Literature :—

Trench	... Study of Words (ed. by. Mayhew)
Bradley	... Making of English
Long	... English Literature (Ginn & Co)

The following books are prescribed for candidates who take up the alternative paper in English.—

Matthew Arnold	... Essays in Criticism, Second Series (Essays I-VII only)
Ruskin	... The Crown of Wild Olive (omitting the Essay on the Future of England)

Vernacular Composition—

BENGALI.

(Books recommended to be read as presenting ideals of character and models of style)

Bankimchandra Chatterji	... Durgasanandini
Chandicharan Banerjee	... Life of Vidyasagar
Rajendranath Vidyabhusan	... Tapoban

HINDI.

(Books recommended to be read as presenting ideals of character and models of style.)

Harischandra	... Satya Harischandra
Lakshman Sinha	... Sakuntala
Mayasankar Dube	... Swapna Vasabhatta

ASSAMESE.

(Books recommended to be read as presenting ideals of character and models of style.)

Gunabhiram Barooah	... Life of Anandaram Dhekeil Phukan
Lambodar Borah	... Sakuntala
Lakhenath Bezbarua	... Padamkumari

BURMESE.

(Books recommended to be read as presenting ideals of character and models of style.)

Buridat Zat	| Narada Zat
Zinatthapakathani.	

URIA.

(Books recommended to be read as presenting ideals of character and models of style.)

Radhanath Ray	... Mahajatra, Cantos I—IV
Raghuvansa, translated by Bichhanda Patnaik	

URDU.

(Books recommended to be read as presenting ideals of Character and Models of Style.)

Azad	... Nairang-i-Khayal
Nazir Ahmad	... Ibn-ul-Wagh.
Jalaluddin Ahmad Jafri	... Elections of Urdu.

SANSKRIT.

Pass Course.

Paper I.

Manusamhita	... Chapters I and II, with Kulluka's commentary.
Sisupalabadha	... Cantos I and II, with Mallinatha's commentary.

Paper II.

Abhijnanasakuntalam	... Ratnavali
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Paper III.

Macdonell	... History of Sanskrit Literature (omitting Chapters II-IX)
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Panini Primer, by Debendrakumar Vidyaratna (for reference only)

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Paper IV.

Bhattikavyam	... Cantos XII and XIII
Kadambari	... Pages I—24 (Bombay edition)

Paper V.

- Rigveda Samhita ... Hymns from the Rigveda, with Sayana's commentary, edited by Peterson, Part I, Suktas 1-12.
 Weber ... History of Sanskrit Literature (Tran. Mann, and Zachariae, pp. 1-171.)

Students are recommended to consult Macdonell's Vedic Grammar for students.

Paper VI.

Siddhanta Kaumudi—Kataka and Samasa
 Dandi—Kavyadarsa
 Sahitya Darpan, Chapter VI

PALI.

Pass Course.

Poetry.

Dhammapada ... Khuddaka Patha

Prose

Milinda-panha (Trenckner's edition), pages 1-126
 Dhammapada—Attha Katha, Vol. I, edited by Mr. Norman in the P. T. S.

Grammar

Rupasidhi (Rangoon or Colombo edition)
 Kielhorn's Sanskrit Grammar

Comparative Philology.

Sayce ... Principles of Comparative Philology (omitting the appendices)

Honours Course

(In addition to the books prescribed for the Pass Course)

Mahavanisa ... Chapters 1-5
 Dighanikaya ... Mahagovinda Sutta, Mahaparinibana Sutta
 Ryhs Davids ... Buddhist India

PERSIAN.

Pass Course.

Persian Selections compiled by Shalms-ul-Ulama Ahmad and Sham-ul-Ulama Mirza Ashraf Ali, omitting pp. 1-51 (the Arabic portion) and the following portions from Poetry pieces :—

Shah Nam ... Pages 140-152 (12 pages) from Nama-i-Khans to Rustom
 Masnavi Rum ... Pages 167-180 (14 pages) from Fil unajat
 Qaani ... 201-208 (8 pages)
 Hafez ... Pages 227-240 (14 pages) from Radi-i-Dal

The Pass Course includes the elements of Persian Prosody and Rhetoric and a knowledge of Arabic Grammar up to the Intermediate standard

Honours Course.

(In addition to the pieces selected for the Pass Course)

The Honours Persian Course compiled by Lt. Col. D. C. Phillot, I.A.

The Honours Course includes the Outlines of Mahomedan History in so far it relates to Persia, Central Asia and India, and the History of Persian Literature.

ARABIC.**Pass Course.**

Selections in Arabic compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirza Ashraf Ali and prescribed for the B.A. Pass Examination in 1910-11, Parts I and II.

Grammar.

Arabic Grammar according to Modern Method, to be published by the University.

Honours Course.

(In addition to the books prescribed for the Pass Course.)

University Selections to be compiled and edited by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Abu Nasr Mahammad Waheed, M.A.

The Honours Course in Arabic also includes the elements of Arabic Prosody and Rhetoric; the Outlines of Mahomedan History down to the fall of the Abbasid Caliphate; and a general knowledge of the History of Arabic Literature.

CLASSICAL ARMENIAN.**Pass Course.***Poetry*

Bagratoonie's translation of Paradise Lost, Books IX, X, XI and XII.

Prose.

Agathangalo's History, Parts I and III.

Moses of Khoren's History

The course includes the History of Armenia.

Honours Course.

(In addition to the books prescribed for the Pass Course)

Poetry.

Bagratoonie's Haik Dientsazn, Books I, II, III, IV and V

Prose.

John Catholicas

“ |

Elishe

The course includes the History of Armenian Literature and the Elements of Armenian Philology

HEBREW.**Pass Course.**

Judges and I Samuel.

Psalms—I-XLI.

Proverbs—I-20.

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Two of the minor prophets, Amos and Hosea.

SYRIAC.

Pass Course

Paper I.

The book of Leviticus (the Peshitto Version.)

The Epistle to the Hebrews (the Peshitto Version.)

The Liturgy of S. James.

Paper II.

Mar Ephrem

... The Epistle to Montanos (Opera Selecta :
Overbeck)

The Book of the Dead

Paper III.

Wright

... History of Syriac Literature

Recommended—

Noldeke

... Compendious Syriac Grammar

Honours Course.

(In addition to the books recommended for the Pass Course.)

Paper IV.

Philexinos of Mabbogh

... Discourses on Poverty (Royal Society
of Literature)

Chronicles of Bar-Hebraeus (Bernstein's Chrestomathie.)

Paper V.

Select Narratives of Holy Women—Eugenia (Studia Sinaitica, No. IV.)

Eusebius—Ecclesiastical History, Books. I-III. (Wright and McLean.)

Paper VI.

A. Fortescue

... The Orthodox Eastern Church

A. Fortescue

... The Lesser Eastern Churches

GREEK.

Pass Course.

Homer

... Iliad, Book IX

Aristophanes

... Frogs

Plato

... Laches

Demosthenes

... Phillipics, I, II and III

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Æschylus

... Prometheus Vincit

Thucydides

... Book VII

Permanent Subjects.

The following books may be consulted :—

Philology of the Greek Language—

Giles ... Comparative Philology

History of Classical Greek Literature—

Murray ... Greek Literature

LATIN.

Pass Course.

Cicero ... Pro Roscio
Livy ... Book I
Virgil ... Aeneid, Books VII and VIII
Horace ... Epistles, Book I

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Lucretius ... Book V
Tacitus ... Annals, Books I and II
Virgil ... Georgica
Terence ... Adelphi
Pliny ... Letters, Book I

Caullus' Poems, edited by F. P. Simpson (Macmillan & Co.)

Permanent Subjects

The following books may be consulted :—

Philology of the Latin Language—

Lindsay ... Historical Latin Grammar

History of Latin Literature to the end of the Augustan Period—

Mackail ... Latin Literature

FRENCH.

Pass Course.

Alphonse Daudet ... Lettres de Mon Moulin, edited by C. H. Clarke (Macmillan)
Thierry ... Lettres sur l' Histoire de France, edited by Masson and Prothero
Berthon ... Specimens of Modern French Verse, Part I
Rostand ... Cyrano de Bergerac

The course also includes French Grammar and the outlines of French History.

Honours Course.

(In addition to the books prescribed for the Pass Course).

Corneille ... Cid
Molière ... L'Ecole des Femmes
Michelet ... Louis XI, et Charles Le Temeraire, edited by E. Renault (Clarendon Press)

The course includes French Grammar and the outlines of French History and also the elements of French Philology and the history of a selected period of French literature.

Grammar recommended.

V. de Vivas ... Grammaire des Grammaires

Text-book in French Philology recommended—

Darmesteter ... Historical French Grammar

Brachet ... Grammaire Historique de la Langue Française

The period of French Literature selected for 1921 is the 17th century.

GERMAN.

Pass Course.

Heinrich von Kleist

... Michael Kohlhaas

Schiller

... Wallenstein's Tod

Hauff

... Das Wirtshaus Im Speessart, edited by G. E. Fasnacht (Macmillan & Co.)

The course includes, in addition to the prescribed texts, Grammar and the outlines of German History.

Honours Course.

(In addition to the books prescribed for the Pass Course).

Goethe

... Iphigenie auf Tauris

Lessing

... Nathan der Weise

Paul Heyse

... Kinder der Welt

The course includes, in addition to the prescribed texts, Grammar and the outlines of German History, and also the elements of German Philology and the history of a selected period of German Literature.

Grammar recommended.

J. Wright

... Historical German Grammar. (The period selected for 1921 is 1750—1882).

HISTORY.

Pass Course.

G. B. Adams

... European History, an outline of its development.

P. F. N. Myers

... Mediaeval and Modern History, Part I

Paper II.

Period—The Age of Elizabeth

(i) Green's History of the English People, Book VI, Chapters III—VII

(ii) The Age of Elizabeth, by Creighton (Epochs of Modern History Series)

(iii) Elizabeth (Twelve English Statesmen Series, by Beesly)

(iv) J. R. Seeley—Growth of the British Policy. (The portions relating to Elizabethan age.)

Paper III.

Vincent Smith	... Early History of India
Elphinstone	... History of India, omitting Book V, Chapter I
A. D. Innes	... History of British India

[Candidates who take up Honours Course are recommended to read Dutt's Ancient Civilization of India—

Book I, Chapter V	
" II, Chapters V-VI.	
" III, " III-VI.	
" IV, " VIII-XI.	
" V, " VIII, XV and XVI.]	

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Paper IV.

Period from 479—404 B.C.—

Bury	... History of Greece
Grote	... History of Greece
Zimmern	.. The Greek Commonwealth

Paper V

Period from 264—146 B.C.—

Shuckburgh	... History of Rome
Mommsen	... History of Rome, translated by Dickson

Paper VI.

Hallam	... Europe during the Middle Ages
Myers	... History of Middle Ages

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY.**Pass Course.***Paper I.*

Marshall	... Economics of Industry
Gide	... Principles of Political Economy (Archibald's edition)
Jevons	.. Money

Paper II.

Garner	... Introduction to Political Science
Woodrow-Wilson	... The State
Ilbert	... Parliament, its History, Constitution and Practice (Home University Library).
Bryce	... Hindrances to Good Citizenship

The Indian Constitution—

Report on Indian Constitutional Reforms (1918), Chapters II to V.

Paper III.

(Application of the Principle of Political Economy to Indian Topics)
Imperial Gazetteer, Vol. III, Chapters I—VII, IX—X.

- Keynes ... Indian Currency and Finance
Land Revenue Administration (Calcutta University publication).
Land Revenue Policy of the Government of India, 1902.
Co-operative Credit Movement in India, by P. Mookerjee.
Morison ... Economic Transition in India
Wolff ... People's Banks
P. Banerjee ... Study of Indian Economics
J. C. Jack ... The Economic Life of a Bengal District
C. J. Hamilton ... Indian Trade and the Tariff

Honours Course.

(In addition to the books recommended for the Pass Course.)

Paper I.

- Withers ... Meaning of Money
R. T. Ely ... Outlines of Economics, revised and enlarged by Ely, Adams, Lorenz and Young (Macmillan & Co.)

Paper II.

- Jenks ... Principles of Politics
Alston ... Modern Constitution

Paper III.

Census of India Report, 1911, Chapter XII.

Paper IV.

- Flux ... Economic Principles
Pierson ... Principles of Economics

Paper V.

Specially selected texts—

- Aristotle ... Politics (translated by Weldon or Jowett).
Hobbs ... Leviathan

Paper VI.

ESSAYS.

Books recommended for the guidance of Teachers—

- Mill ... Political Economy
Nicholson ... Principles of Political Economy
Sidgwick ... Development of European Polity
Marshall ... Principles of Economics
Green ... Principles of Political Obligation
Pollock ... Introduction to the History of the Science of Politics

Ranade	... Essays on Indian Economics
Moreland	... Introduction to Economics for Indian Students
Baden-Powell	... Land Systems of British India, 3 vols.
Ilbert	... Mechanism of Law Making
Das Gupta	... India in the Seventeenth Century
Loveday	... Famines in India

Fifth Report of the Select Committee of the House of Commons, 1812.

(Extracts and Documents published by the Calcutta University).

Field	... Introduction to Bengal Regulations
R. C. Dutt	... India in the Victorian age
R. C. Dutt	... The Economic History of India under Early British Rule
R. C. Dutt	... Famines in India
Bryce	... American Commonwealth (Revised edition).
Strachey	... India
A. Lawrence Lowell	... Governments and Parties in Continental Europe (2 vols.). (Longmans, Green & Co).
J. A. R. Marriott	... English Political Institutions
Palgrave	... Dictionary of Political Economy
Barker	... Political Thoughts of Plato and Aristotle.
Wolff	... Co-operation in Agriculture
Nicholson	... Report on Agricultural Banks

Review of Trade of India, 1913-14.

Currency Commission's Report, 1893.

Currency Committee's Report, 1898.

Report of the Royal Commission on Currency and Finance, 1914.

Fifth Decennial Report on Moral and Material Progress, 1913.

Report of the Irrigation Commission, 1903.

Reports of the Famine Commission, 1898 and 1901.

Keatinge	... Rural Economy in the Bombay Deccan.
Temperley	... Senates and Upper Chambers
Robertson	... Report on Railway Administration
Williams	... The Economics of Railway Transport

MENTAL AND MORAL PHILOSOPHY.

The following books are recommended to be used in studying the subject of Mental and Moral Philosophy as defined by the Syllabus:—

PSYCHOLOGY.

Pass and Honours.

Hoffding	... Outlines of Psychology
Wundt	... Human and Animal Psychology
Stout	... Manual of Psychology
James	... Text-book of Psychology
Stephen	... Elements of Analytical Psychology (3rd edition)
Sully	... Outlines of Psychology
Mitra A. C.	... Elements of Psychology (2 vols)
Angell	... Psychology

Preparatory Reading: Before joining the regular class students are advised to read—

Titchener	... Primer of Psychology
Saratchandra Brahmapāchari	... Vyāvaharik Manobijnan (Practical Psychology)
McDougall	... Psychology (Home University Library)

ETHICS.

Pass and Honours.

Seth	... Study of Ethical Principles
Martineau	... Types of Ethical Theory
Mackenzie	... Manual of Ethics
Mitra A. C.	... Elements of Morals

Preparatory Reading: Before joining the regular class students are advised to read—

Muirhead	... Elements of Ethics
Mohit Chandra Sên	... Elements of Moral Philosophy

GENERAL PHILOSOPHY.

Pass and Honours.

Kulpe	... Introduction to Philosophy
Marvin	... Introduction to Philosophy
Paulsen	... Introduction to Philosophy
Watson	... An Outline of Philosophy

Preparatory Reading: Before joining the regular class students are advised to read—

Croom Robertson	... Elements of General Philosophy
Stephen	... Problems of Metaphysics

NATURAL THEOLOGY.

Honours.

Martineau	... Study of Religion
Flint	... Theism and Antitheistic Theories
Fraser	... Philosophy of Theism

Preparatory Reading: Before joining the regular class students are advised to read—

Rogers	... Religious Conception of the World
Armstrong	... God and the Soul
Binayendranath Sen	... Intellectual Ideal

HISTORY OF PHILOSOPHY.

Honours.

The following books are recommended—

Weber	... History of Philosophy
Falckenberg	... History of Modern Philosophy
Thilly	... History of Philosophy (Bell & Sons)

Preparatory Reading—

Schwegler	...	History of Philosophy
Rogers	...	History of Philosophy.

SPECIAL TEXT.

Honours.

Rand	...	Modern Classical Philosophers (Selections from Bacon, Descartes, Spinoza, Locke, Berkeley, Hume and Kant).
Green	...	Prolegomena to Ethics, Book I

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MATHEMATICS.

Pass Course.

The following books are recommended :—

1. Higher Plane Trigonometry—

Todhunter	...	Plane Trigonometry, edited by Hogg.
Loney	...	Plane Trigonometry

2. Plane Analytical Geometry—

C Smith	...	Elementary Treatise on Conic Section
Loney	...	Elements of Co-ordinate Geometry

3. Differential Calculus—

Edwards	...	Differential Calculus for Beginners
Ganesh Prasad	...	Differential Calculus
Taylor	...	Differential and Integral Calculus and Differential Equations

4. Integral Calculus and Differential Equations—

Edwards	..	Integral Calculus for Beginners
Ganesh Prasad	...	Integral Calculus
Taylor	...	The Differential and Integral Calculus

5. Hydrostatics—

Besant	...	Elementary Hydrostatics
Loney	...	Elements of Hydrostatics

6. Astronomy—

Parker	...	Elements of Astronomy
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Students are recommended to use "Stars in the Northern Tropics" by T. Bhattacharyya.]

HONOURS COURSE.

1. Higher Algebra—

Hall and Knight	...	Higher Algebra
C. Smith	...	A Treatise on Algebra
Davidson	;	Higher Algebra

2. Elementary Theory of Equations—

Cajori	... Introduction to Theory of Equations Chapters I—VII
Dickson	... Elementary Theory of Equations

3. Higher Plane Trigonometry—

Todhunter	... Plane Trigonometry edited by Hogg
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4. Plane Analytical Geometry—

C. Smith	... Elementary Treatise on Conic Sections
Salmon	... Conic Sections
Askwith	... Plane Co-ordinate Geometry

5. Elementary Solid Geometry—

C. Smith	... Elementary Treatise on Solid Geometry
Bell	... Analytical Geometry of Three Dimensions

6. Elementary Principles of Vectors—

Kelland and Tait	... Introduction to Quaternions, 3rd edition, edited by Knott
Henrici and Turner	... Vectors and Rotors
Coffin	... Vector Analysis

7. Differential Calculus—

Edwards	... Differential Calculus
Williamson	... Differential Calculus

8. Integral Calculus and Differential Equations—

Williamson	... Integral Calculus
Murray	... Introductory Course in Differential Equations

9. Statics—

Minchin	... Statics, Vol. I
Lamb	... Statics
Loney	... Statics

10. Dynamics of a Particle—

Lamb	... Dynamics
Loney	... Dynamics of a Particle
Cox	... Mechanics

11. Hydrostatics—

Besant	... Elementary Hydrostatics
Loney	... Elements of Hydrostatics
Minchin	... Hydrostatics, Part I

12. Astronomy—

Parker	... Elements of Astronomy
Young	... Manual of Astronomy
Bryan	... Astronomy

[Candidates are recommended to use "Stars in the Northern Tropics" by T. Bhattacharyya.]

N.B.—Candidates who take up Mathematics at the B.A. or B.Sc. Examination are recommended to refer to Saxelby's Practical Mathematics.

PHYSICS.

Pass Course.

Hadley	... Magnetism and Electricity for Students
Watson	... Text-book of Physics

Pass Practical.

Schüster and Lees	... Advanced Exercises in Practical Physics
Harrison	... A Course of Practical Physics
Glazebrook and Shaw	... Practical Physics
Allen and Moore	... A Text-book of Practical Physics (Macmillan & Co.)

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Poynting and Thomson	... Sound
Edser	... Heat for Advanced Students
Maxwell	... Theory of Heat
Edser	... Light for Students
Foster and Porter	... Elementary Treatises on Electricity and Magnetism
Wagstaff	... Properties of Matter
A. C. Datta	... A Text-Book of Sound

Honours Practical.

Watson	... Text-Book on Practical Physics
Henderson	... Practical Physics

N.B.—Candidates who take up the Honours Course in Physics at the B.A. or B.Sc. Examination are recommended to refer to Saxelby's Practical Mathematics.

CHEMISTRY.

Pass Course.

Newth	... Inorganic Chemistry
Holleman	... Organic Chemistry
Francis Jones	... Practical Chemistry
Alexander Smith	... General Inorganic Chemistry
F. Mollwo Perkin	... Qualitative Chemical Analysis—Organic and Inorganic
J. B. Cohen	... Theoretical Organic Chemistry

Honours Course.

(In addition to the books recommended for the Pass Course.)

H. C. Jones	... Elements of Physical Chemistry
Ostwald	... Foundations of Analytical Chemistry
J. Wade	... Introduction to the Study of Organic Chemistry
Clowes and Coleman	... Quantitative Analysis
Mellor	... Inorganic Chemistry
Caven and Landor	... Systematic Inorganic Chemistry
Ostwald	... Outlines of General Chemistry

J. Walker	... Introduction to Physical Chemistry
F. Mollwo Perkin	... Practical Methods of Inorganic Chemistry
Thorpe	... Essays on Historical Chemistry

N.B.—Candidates who take up Chemistry at the B.A. or B.Sc Examination are recommended to refer to Saxelby's Practical Mathematics.

BOTANY.

Pass Course

Vines, S. H.	... An Elementary Text-Book of Botany (London, 1905)
Scott, D. H.	... Structural Botany, 2 Vols. (London, 1904-06)
Darwin, F. and Acton, G. H.	... Practical Physiology of Plants (Cambridge, latest edition)
{ Prain, D.	... Bengal Plants (Calcutta, 1903)
	<i>or</i>
{ Roxburgh	... Flora Indica, edited by C. B. Clarke (Calcutta 1874)
Strasburger and Hillhouse	... Practical Botany (latest edition)

Honours Course.

(In addition to the text-books for the Pass Course)

Strasburger, E.	... Text-book of Botany, translated by Porter, revised by Lang (Third edition, London)
Reynolds Green, J.	... Vegetable Physiology
Schimper, A. F. W.	... Geography of Plants
Stopes	... Fossil Botany

PHYSIOLOGY.

Pass Course.

Halliburton	... Hand-book of Physiology
Howell	... Text-book of Physiology

Practical.

Schafer	... Essentials of Histology
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and *either*

Milroy	... Practical Physiological Chemistry
	<i>or</i>
Halliburton	... Essentials of Chemical Physiology
	and
Brodie	... Essentials of Experimental Physiology
	<i>or</i>
Beddard, Edkins, Hill, Pembrey and Macleod	... Practical Physiology

Honours Course.

(In addition to the books recommended for the Pass Course.)

Starling	...	Principles of Human Physiology
Hill	...	Recent Advances in Physiology
Hill	...	Further Advances in Physiology

Practical.

(The same as for the Pass Course.)

Syllabus in Experimental Physiology.

Pass Course.

The induction coil; single shocks, short circuiting key; effect of single shocks on the tongue; break-shock is stronger than the make-shock. Helmholtz's Modification; Neef's Hammer.

Pithing a frog; nerve-muscle preparation. Mechanical, chemical thermal and electrical stimulation of muscle and nerve.

The graphic method; simple lever; crank lever (myograph); moist chamber minimal and maximal excitation with single induction shocks (make and break). Stimulation by constant current; contraction of muscle only at make and break.

The muscle curve:—Single contraction of a frog's muscle; the latent period, the period of contraction and the period of relaxation. Time-tracing by tuning-fork. Method of after-loading. The influence of temperature and of load on muscular contraction. The work performed by a muscle during a twitch.

Elasticity and extensibility of muscle.

Summation of muscular contraction; tetanus.

Fatigue of muscle.

Thickening of a muscle on contraction.

Barnard's curare experiment.

Stimulation of a motor nerve; unequal excitability (greater nearer the centre of a motor nerve); excitability of flexor and extensor nerves.

Velocity of nerve-impulse (myographic method).

Electro-Physiology:—Galvani's experiment of contraction with metals; Galvani's experiment of contraction without metals.

The Frog's heart.—Beating of the heart; effect of heat and cold (heart *in situ*); section of the heart; effect of heat and cold on excited heart.

Stannius' experiment.

Graphic record of the beat of the heart (suspension method and also direct registration with heart-lever).

Pulse-Sphygmographic tracing.

Blood-pressure in man; Sphygmometer and Sphygmomanometer.

Reflex action (simple experiments on a pithed frog).

Vision:—Accommodation; Scheiner's experiment; near and far point.

Purkinje-Sanson's images; Khakoscope; Blind spot; Yellow spot; Colour vision; Complementary colours.

Honours Course.

Additional Experiments -

The induction coil—Break extra-current of Faraday.
 The Rheonome; Effect of sudden variation of current.
 Isotonic and Isometric contraction.
 Influence of varatrine on muscular contraction.
 Infatigability of nerve.
 Excitation of muscle by constant current; Polar excitation of a muscle
 Electrotonus. Electrotonic changes in excitability and conductivity of a nerve.

Kuhne's experiment of contraction without metals. *

Examination of currents in muscle, nerve and heart by means of the reflecting galvanometer.

Frog's heart—Minimal stimulus causes maximal contraction.

"Staircase effect." Single contraction of the ventricle.

Tetanus. Refractory period, Stimulation of the vagus.

Action of drugs (Muscarine digitalin, Pilocarpin and Atropin) on the heart.

Voice and Speech; Laryngoscope.

Vision. Ophthalmoscope; Perimeter.

ZOOLOGY.

Pass Course.

Boas	...	Text-book of Zoology
Shipley and MacBride	...	Zoology
Oskar Hertwig and H. J. Campbell	...	The Cell
R. E. Lloyd	...	An Introduction to Biology for students in India
P. J. Parker and W. N. Parker	...	An Elementary Course of Practical Zoology.
Foster and Balfour	...	The Elements of Embryology (edited by Sedgwick and W. Heap).
Wallace	...	Darwinism.
A. D. Imms	...	A Laboratory Sketch-book of Zoology for Indian students.

Honours Course.

(In addition to the books prescribed for the Pass Course.)

Miall and Hammond	...	The Structure and Life—History of the Harlequin Fly.
Miall and Denny	...	The Cockroach.

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GEOLOGY.

No text-books are prescribed or recommended. The subject is to be studied with the help of the Syllabus prescribed in the Regulations.

EXPERIMENTAL PSYCHOLOGY.

The subject is to be studied as defined by the Syllabus. Students are recommended to use one or more of the following books:—

Pass Course.

—General Psychology—

Yerkes	... Introduction of Psychology
Wundt	... Human and Animal Psychology
Titchener	... Text-Book of Psychology
Leckley	... The Nervous System (Longmans & Co.)

Preparatory Reading : Students are advised to read Titchener's Primer of Psychology before joining the regular class.

II—Experimental Psychology—

Sanford	... Course in Experimental Psychology
Myers	... Text-Book of Experimental Psychology Part I—Text-Book

Preparatory Reading :—

Students are advised to read Myers' Primer of Experimental Psychology before joining the regular class
Laboratory Course :—

Titchener's Experimental Psychology, Vol I, Part I, and Vol II, Part I (Student's Manual, Qualitative and Quantitative).

Myers' Text-Book of Experimental Psychology, Part II (Laboratory Course)

Honours Course.

I—General Psychology (Same as in the Pass Course with the addition of Kulpe's Outlines of Psychology).

II—Physiological and Comparative Psychology—

Wundt	... Principles of Physiological Psychology Vol I, Part I, (The Bodily Substrate of Mental Life)
Ladd	... Elements of Physiological Psychology
Thorndike	... Animal Intelligence
Lloyd Morgan	... Comparative Psychology
M. Greenwood (Jr.)	... Physiology of the Senses.

III—Experimental Psychology—

In addition to the books recommended for the Pass Course, the following :—

Scripture	... New Psychology
Titchener	... Lectures on the Psychology of the Thought Processes
Titchener	... Instructor's Manual—Quantitative introduction)

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ENGLISH.

(Pass Course.)

Shakespeare	... { Comedy of Errors (text as in Prof. J. C. Scrimgeour's Edition, published by the Calcutta University.)
	... { Othello.
Palgrave	... Golden Treasury of Songs and Lyrics— Book IV. (Oxford University Press.)
Burke	... Speech on American Taxation.

Representative Essays in Modern Thought, edited by Steeves and Ristine (American Book Co.)—Essays I, II, V, X, XIX.

Selections from the Bible edited by Principal H. C. Maitra and Rev. Dr. G. Howells (published by the University). (Portions to be read will be specified later.)

(Honours Course)

(In addition to the books prescribed for the Pass Course.)

Shakespeare	... Coriolanus
Matthew Arnold	... Merope
Sophocles	... Electra (Tr. Whitelaw) edited by J. C. Collins (Oxford University Press)
Palgrave	... Golden Treasury of Songs and Lyrics—Additional Poems (Tennyson, Matthew Arnold, Swinburne, E. B. Browning and Robert Browning only) (Oxford University Press)
DeQuincey	... Revolt of the Tartars; The English Mail Coach
Bryce	... Studies in Contemporary Biography. (Studies on Beaconsfield, Trollope, J. R. Greene, Jessel, Freeman, Bowen and Gladstone only)

Representative Essays in Modern Thought, edited by Steeves and Ristine (American Book Co.)—Essays XII, XIII, XVII, XVIII.

The following books are recommended for the study of the Philology of the English Language and the History of English Literature:—

Trench	... Study of Words (edited by Mayhew)
Bradley	... Making of English
Long	... English Literature. (Ginn & Co)

The following books are prescribed for candidates who take up the alternative paper in English:—

Matthew Arnold	... Essays in Criticism, Second Series (Essays I-VII only)
Ruskin	... The Crown of Wild Olive, omitting the Essay on the Future of England

VERNACULAR COMPOSITION.

BENGALI.

(Books recommended to be read as presenting ideals of character and models of style)

Bankimchandra Chatterji	... Durgesnandini
Chandicharan Banerjee	... Life of Vidyasagar
Rajendranath Vidyabhusan	... Tapoban

HINDI.

(Books recommended to be read as presenting ideals of character and models of style.)

Harischandra	... Satya Harischandra
Lakshman Sinha	... Sakuntala
Mayasankar Dube	... Swapna Vasabhatta

ASSAMESE.

(Books recommended to be read as presenting ideals of character and models of style.)

Gunabhiram Barooah	... Life of Anandaram Dhekeil Phukan
Lambodar Borah	... Sakuntala
Lokhenath Bezbaruva	... Padamkumari

BURMESE.

(Books recommended to be read as presenting ideals of character and models of style.)

Buridat Zat. Narada Zat. Zinatthapakathani.

NEPALI.

(Books recommended to be read as presenting ideals of character and models of style.)

Harihar Acharyya	.. { "Sakuntalopakhyan" "Bidulaputra Sambad"
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URIYA.

(Books recommended to be read as presenting ideals of character and models of style.)

Ráadhanath Ray	... Mahajatra, Cantos I-IV
Raghuvansa, translated by Bichhanda Patnaik	

URDU.

(Books recommended to be read as presenting ideals of character and models of style.)

Nairang-i-Khayal by Azad	
Ibn-ul-Waqt by Nazir Ahmad	
Selections of Urdu by Jalaluddin Ahmad Jafri	

SANSKRIT.

(Pass Course.)

Paper I.

Manusamhita	... Chapters I and II, with Kulluka's commentary
Sisupalbadha	... Cantos I and II, with Mallinatha's commentary

Paper II.

Abhijnanasakuntalam	Ratnavali
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Paper III.

Macdonall	... History of Sanskrit Literature (omitting Chapters II-IX)
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Panini Primer, by Debendrakumar Vidyaratna (for reference only)

*(Honours Course.)**(In addition to the books prescribed for the Pass Course)*

Paper IV.

Bhattikavyam
Kadambari... Cantos XII and XIII
... Pages 1-24 (Bombay edition)

Paper V.

Vedic Readers for students—by Macdonell—Pages 1-92, 134-41 together with the commentary of Sayana thereon.

Students are recommended to consult Macdonell's Vedic Grammar for students.

Weber

... History of Sanskrit Literature (Tran. Mann and Zachariae, pp. 1-171)

Paper VI.

Siddhanta Kaumudi—Kataka and Samasa
Dandi—Kavyadarsa
Sahitya Darpan, Chapter VI

PALI.

*(Pass Course)**Poetry.*

Dhammapada

... Khuddaka Patha

Prose.

Millinda-panha (Trenckner's edition) pages 1-126.

Dhammapada-Attha-Katha, Vol. I edited by Mr. Norman in the P. T. S.

*Grammar.*Rupsidhi (Rangoon or Colombo edition)
Keilhorn's Sanskrit Grammar

COMPARATIVE PHILOLOGY

(Pass Course).

Sayce

... Principles of Comparative Philology
(omitting the appendices)

Satischandra Vidyabhushana

... Grimm's Law

*(Honours Course.)**(In addition to the books prescribed for the Pass Course)*Mahavamsa
Dighanikaya... Chapters 1-5
... Mahagovinda Sutta, Mahaparinirvana
Sutta

Rhys Davids

... Buddhist India

PERSIAN.

(Pass Course.)

Persian Selections compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirza Ashraf Ali, omitting the following portions from the Poetry pieces :—

Shah Nama	... Pages 140-152 (12 pages) from Nama-i-Kaus to Rustom
Masnavi Rum	... Pages 167-180 (14 pages) from Fil Munajat
Qaani	... Pages 201-208 (8 pages)
Hafez	... Pages 227-240 (14 pages) (from Radif-i-Dal)

The Pass Course includes the elements of Persian Prosody and Rhetoric.

(Honours Course.)

(In addition to the pieces selected for the Pass Course)

The Honours Persian Course compiled by Lieutenant-Colonel D. C. Phillot, I.A.

The Honours Course includes the Outlines of Mahomedan History in so far as it relates to Persia, Central Asia and India and the History of Persian—Literature.

ARABIC.

(Pass Course.)

Selections in Arabic compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirza Ashraf Ali and prescribed for the B.A. Pass Examination in 1910—11, Parts I and II.

GRAMMAR.

Arabic Grammar according to Modern Method, to be published by the University.

(Honours Course.)

(In addition to the books prescribed for the Pass Course.)

University Selections compiled and edited by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Abu Nasr Muhammad Waheed, M.A.

The Honours Course in Arabic also includes the elements of Arabic Prosody and Rhetoric; the Outlines of Mahomedan History down to the fall of the Abbasid Caliphate; and a general knowledge of the History of Arabic Literature.

CLASSICAL ARMENIAN.

(Pass Course.)

POETRY.

Bagratoonie's translation of Paradise Lost, Books IX, X, XI and XII.

PROSE.

Agathangalo's History, Parts I and III.

Moses of Khoren's History.

The course includes the History of Armenia.

(Honours Course).

(In addition to the books prescribed for the Pass Course).

POETRY.

Bagratounie's Haik Dientsazu, Books I, II, III, IV and V.

PROSE.

John Catholicas

... Elishe

The course includes the History of Armenian Literature and the Elements of Armenian Philology.

HEBREW.

(Pass Course).

Judges and I Samuel—

Psalms

... I-XLI

Proverbs

... 1-20

(Honours Course).

(In addition to the books prescribed for the Pass Course.)

Two of the minor prophets, *vis.*, Amos and Hosea.

N.B.—Dr. Gainsburg's edition for British and Foreign Bible Association recommended.

SYRIAC.

(Pass Course).

Paper I.

The Book of Leviticus (the Peshitto Version).

The Epistle to the Hebrews (the Peshitto Version).

The Liturgy of S. James.

Paper II.

Mar Ephrem

... The Epistle to Montanos (Opera Selecta, Overbeck)

The Book of the Dead.

Paper III.

Wright

... History of Syriac Literature

Recommended—

Noldeke

.. Compendious Syriac Grammar

(Honours Course).

(In addition to the books recommended for the Pass Course)

Paper IV.

Philexinos of Mabbogh

... Discourses on Poverty (Royal Society of Literature)

Chronicles of Bar-Hebraeus Bernstein's Chrestomathie.)

Paper V.

Select Narratives of Holy Women	... Eugenia (Studia Sinaitica, No. IV)
Eusebius	... Ecclesiastical History, Books I-III (Wright and McLean)

Paper VI.

A. Fortescue	... The Orthodox Eastern Church
A. Fortescue	... The Lesser Eastern Churches

GREEK.

(Pass Course).

Homer	... Iliad, Book IX
Aeschylus	... Prometheus Vincit
Plato	... Laches
Demosthenes	... Phillipics, I, II, and III

(Honours Course).

(In addition to the Books prescribed for the Pass Course.)

Aristophanes	... Frogs
Thucydides	... Book VII
Herodotus	... Book I, Chaps. 1-94

PERMANENT SUBJECTS.

The following books may be consulted :—

Philology of the Greek Language—

Giles	... Comparative Philology
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History of Classical Greek Literature—

Murray	... Greek Literature
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LATIN

(Pass Course)

Cicero	... Pro Roscio
Livy	... Book I
Virgil	... Æneid, Books VII and VIII
Horace	... Epistles, Book I

(Honours Course).

(In addition to the books prescribed for the Pass Course.)

Lucretius	... Book V.
Tacitus	... Annals, Books I and II.
Pliny	... Letters, Book I.

Catullus' Poems, edited by F. P. Simpson (Macmillan & Co.)

PERMANENT SUBJECTS.

The following books may be consulted :—

Philology of the Latin Language—

Lindsay	... Historical Latin Grammar.
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History of Latin Literature to the end of the Augustan Period—
Mackail ... Latin Literature.

FRENCH

(*Pass Course.*)

- | | |
|-----------------|---|
| Alphonse Daudet | ... Lettres de Mon Moulin, edited by
C. H. Clarke (Macmillan). |
| Thierry | ... Lettres sur l'Histoire de France, edited
by Masson and Prothero. |
| Berthon | ... Specimens of Modern French Verse,
Part I. |
| Victor Hugo | ... Hernani. |

The course also includes French Grammar and the outlines of French History.

(*Honours Course.*)

(In addition to the books prescribed for the Pass Course).

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|-----------|--|
| Corneille | ... Cid. |
| Moliere | ... L'Ecole des Femmes. |
| Michelet | ... Louis XI, et Charles Le Temeraire,
edited by E. Renault (Clarendon
Press.) |

The course also includes French Grammar and the outlines of French History and also the elements of French Philology and the history of a selected period of French Literature.

GRAMMAR RECOMMENDED

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|-------------|-------------------------------|
| V. de Vivas | ... Grammaire des Grammaires. |
|-------------|-------------------------------|

Text-books in French Philology recommended. —

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|-------------|---|
| Darmesteter | ... Historique French Grammar |
| Brachet | ... Grammaire Historique de la Langue
Francaise. |

The period of French Literature selected for 1922 is the Seventeenth Century.

GERMAN

(*Pass Course.*)

- | | |
|---------------------|--|
| Heinrich von Kleist | ... Michael Kohlhaas. |
| Schiller | ... Wallenstein's Tod. |
| Hauff | ... Das Wirtshaus im Spessart, edited by
G. E. Fasnacht (Macmillan & Co.) |

The course includes, in addition to the prescribed Texts, Grammar and the outlines of German History.

(*Honours Course.*)

(In addition to the books prescribed for the Pass Course.)

- | | |
|------------|---------------------------|
| Goethe | ... Iphigenie auf Tauris. |
| Lessing | ... Nathan der Weise. |
| Paul Heyse | ... Kinder der Welt |

The course includes, in addition to the prescribed Texts, Grammar and the outlines of German History, and also the elements of German Philology and the History of a selected period of German Literature.

GRAMMAR RECOMMENDED.

J. Wright ... Historical German Grammar.

(The period selected for 1922 is 1750-1882.)

HISTORY.

(Pass Course)

Paper I.

Thatcher & Schwill ... Modern Europe (The Modern Period).
Lord Acton ... Lectures on Modern History.

Paper II.

Period—The Age of Elizabeth—

(i) Greene's History of the English People, Book VI, Chapters III-VII.

(ii) The Age of Elizabeth, by Creighton (Epochs of Modern History series).

(iii) Elizabeth (Twelve English Statesmen Series) by Beesla.

(iv) J. R. Seeley—Growth of the British Policy. (The portions relating to Elizabethan Age.)

Paper III.

Vincent Smith ... Oxford History of India, omitting
Chapter 3, Bk. IX
Havell ... The History of Aryan Rule in India

(Honours Course.)

(In addition to the books prescribed for the Pass Course.)

Paper I.

Hazen ... Modern European History
Hearnshaw ... Main Currents of European History

Paper II.

Cambridge Modern History ... Volume III, Chapter 2

Paper III.

Bhandarkar ... Carmichael Lectures

Paper IV.

Period from 479-404 B. C.—

Bury ... History of Greece
Grote ... History of Greece

Paper V.

Period from 164-146 B. C.—

Shuckburgh ... History of Rome
Mommsen ... History of Rome, translated by Dickson

Paper VI.

Hallam	... Europe during the Middle Ages
Myers	... History of Middle Ages

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY.

Pass Course

Paper I.

Seligman	... Elements of Political Economics
Marshall	... Economics of Industry

Paper II.

Garner	... Introduction to Political Science
Woodrow Wilson	... The State (Ed. 1919, Chapters I-V, XXI, XXII and the constitutions of England, France, United States and Germany)

Report on Indian Constitutional Reforms (1918), Chapters II-V.

Paper III.

Dr. P. Banerjee	... Study of Indian Economics
Mr. P. Mukherjee	... Co-operative Movement in India
Land Revenue Administration (Calcutta University Publication).	
Mr. Findlay Shirras	... Indian Finance and Banking

Honours Course

Paper I.

(In addition to the books prescribed for the Pass Course).

Withers	... Meaning of money
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Paper II.

(In addition to the books prescribed for the Pass Course).

J. S. Mackenzie	... Outlines of Social Philosophy
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Paper III.

(In addition to the books prescribed for the Pass Course).

V. G. Kale	... Indian Economics
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Paper IV.

Taussig	... Principles of Economics
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Paper V.

Aristotle	... Politics
Hobbes	... Leviathan

Paper VI.

Essays.

The following books are recommended for the guidance of Teachers :—

Mill	... Political Economy
Nicholson	... Principles of Political Economy
Sidgwick	... Development of European Polity
Marshall	... Principles of Economics
Green	... Principles of Political Obligation
Pollock	... Introduction to the History of the Science of Politics
Ranade	... Essays on Indian Economics
Moreland	... Introduction to Economics for Indian Students
Baden-Powell	... Land Systems of British India, 3 vols
Ilbert	... Mechanism of Law making
Das Gupta	... India in the Seventeenth Century
Loveday	... Famines in India

Fifth Report of the Select Committee of the House of Commons, 1812 (Extracts and Documents published by the Calcutta University).

Field	... Introduction to Bengal Regulations
R. C. Dutt	... India in the Victorian Age
R. C. Dutt	... The Economic History of India under Early British Rule
R. C. Dutt	... Famines in India
Bryce	... American Commonwealth (Revised edition)
Strachey	... India
A. Lawrence Lowell	... Governments and Parties in Continental Europe (2 vols.) (Longmans, Green & Co.)
J. A. R. Marriott	... English Political Institutions
Palgrave	... Dictionary of Political Economy
Barker	... Political Thoughts of Plato and Aristotle
Wolff	... Co-operation in Agriculture
Nicholson	... Report on Agricultural Banks

Review of Trade of India, 1913-14.

Currency Commission's Report, 1893.

Currency Committee's Report, 1898.

Report of the Royal Commission on Currency and Finance, 1914.

Fifth Decennial Report on Moral and Material Progress, 1913.

Report of the Irrigation Commission, 1903.

Reports of the Famine Commission, 1898 and 1901.

Keatinge	... Rural Economy in the Bombay Deccan
Temperley	... Senates and Upper Chambers
Robertson	... Report on Railway Administration
Williams	... The Economics of Railway Transport

Report on the Indian Industrial Commission.

C. J. Hamilton	... Trade Relations between England and India
Radhakamal Mukherjee	... Foundations of Indian Economics

Lewis Campbell	...	Plato's Republic
Crum Robertson	...	Hobbes
J. C. Jack	...	The Economic Life of a Bengal District
J. O. Deley	...	Development of the State
F. D. Ascoli	...	Early Revenue Administration in Bengal

Review of Trade of India, 1914-15 to 1918-19.

MENTAL AND MORAL PHILOSOPHY.

The following books are recommended to be used in studying the subject of Mental and Moral Philosophy as defined by the Syllabus :—

PSYCHOLOGY.

Pass and Honours.

Hoffding	...	Outlines of Psychology
Wundt	...	Human and Animal Psychology
Stout	...	Manual of Psychology
James	...	Text-Book of Psychology
Stephen	...	Elements of Analytical Psychology (*third edition)
Sully	...	Outlines of Psychology
Mitra (A. C.)	...	Elements of Psychology (2 vols)
Angell	...	Psychology

Preparatory Reading :—

Students are advised to read—

Titchener	...	Primer of Psychology
Saratchandra Brahmachari	..	Vyavaharik Manobijnan (Practical Psychology)
McDougall	...	Psychology (Home University Library)

before joining the regular class.

ETHICS.

Pass and Honours.

Seth	...	Study of Ethical Principles
Martineau	...	Types of Ethical Theory
Mackenzie	...	Manual of Ethics
Mitra (A C)	..	Elements of Morals

Preparatory Reading :—

Students are advised to read—

Muirhead	...	Elements of Ethics
Mohitchandra Sen	...	Elements of Moral Philosophy

before joining the regular class

GENERAL PHILOSOPHY.

Pass and Honours.

Lossky	...	Intuitive Basis of Knowledge
Marvin	...	Introduction to Philosophy
Paulsen	...	Introduction to Philosophy
Watson	...	An Outline of Philosophy

Preparatory Reading :—

Students are advised to read—

Croom Robertson	... Elements of General Philosophy,
Stephen	... Problems of Metaphysics

before joining the regular class.

NATURAL THEOLOGY.

Honours.

Martineau	.. Study of Religion
Flint	... Antitheistic Theories
Fraser	.. Philosophy of Theism
Pringle Pattison	.. Idea of God

Preparatory Reading—

Students are advised to read—

Rogers	. Religious Conception of the World
Armstrong	. God and the Soul

before joining the regular class

HISTORY OF PHILOSOPHY

Honours

The following books are recommended :—

Weber	... History of Philosophy
Flackenburg	.. History of Modern Philosophy
Thilly	... History of Philosophy (Bell and Sons)
Preparatory Reading —	
Schwegler	... History of Philosophy
Rogers	... History of Philosophy

SPECIAL TEXT.

Honours.

Rand	... Modern Classical Philosophers (Selections from Bacon, Desartes, Spinoza, Locke, Berkeley-Hume and Kant)
Green	... Prolegomena to Ethics, Book I

B. Sc. EXAMINATION, 1922.

MATHEMATICS

Pass Course.

The following books are recommended :—

1. Higher Plane Trigonometry—

Todhunter	... Plane Trigonometry, edited by Hogg
Loney	... Plane Trigonometry

PART I—13.

2. Plane Analytical Geometry—

C. Smith	...	Elementary Treatise on Conic Sections
Loney	...	Elements of Co-ordinate Geometry
3. Differential Calculus—

Edward	...	Differential Calculus for Beginners
Ganesh Prasad	...	Differential Calculus
Taylor	...	Differential and Integral Calculus and Differential Equations
4. Integral Calculus and Differential Equations—

Edwards	...	Integral Calculus for Beginners
Ganesh Prasad	...	Integral Calculus
Taylor	...	The Differential and Integral Calculus and Differential Equations
5. Hydrostatics—

Besant	...	Elementary Hydrostatics
Loney	...	Elements of Hydrostatics
6. Astronomy—

Parker	...	Elements of Astronomy
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(Students are recommended to use "Stars in the Northern Tropics"

by T. Bhattacharyya.)

Honours Course.

1. Higher Algebra—

Hall and Knight	...	Higher Algebra
C. Smith	...	A Treatise on Algebra
Davidson	...	Higher Algebra
Briggs & Bryan	...	Tutorial Algebra (Advanced Courses)
2. Elementary Theory of Equations—

Cajori	...	Introduction to Theory of Equations, Chapters I-VII
Dickson	...	Elementary Theory of Equations
3. Higher Plane Trigonometry

Todhunter	...	Plane Trigonometry, edited by Hogg
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4. Plane Analytical Geometry—

C. Smith	...	Elementary Treatise on Conic Sections
Salmon	...	Conic Sections
Askwith	...	Plane Co-ordinate Geometry
Jones	...	Algebraical Geometry
5. Elementary Solid Geometry—

C. Smith	...	Elementary Treatise on Solid Geometry
Bell	...	Analytical Geometry of three Dimensions
6. Elementary Principles of Vectors—

Kelland and Tait	...	Introduction to Quaternions, 3rd edition, edited by Knott
Henrici and Turner	...	Vector and Rotors
Coffin	...	Vector Analysis

7. Differential Calculus—
 Edwards ... Differential Calculus
 Williamson ... Differential Calculus
 Carey ... Infinitesimal Calculus, Sects, I and II
8. Integral Calculus and Differential Equations,—
 Williamson ... Integral Calculus
 Murray ... Introductory Course in Differential Equations
 Carey ... Infinitesimal Calculus, Sects, I and II
 Bateman ... Differential Equation
9. Statics—
 Minchin ... Statics, Vol. I
 Lamb ... Statics
 Loney ... Statics
10. Dynamics of a Particle —
 Lamb ... Dynamics
 Loney ... Dynamics of a Particle
 Cox ... Mechanics
11. Hydrostatics—
 Besant ... Elementary Hydrostatics
 Loney ... Elements of Hydrostatics
 Minchin ... Hydrostatics, Part, I
12. Astronomy—
 Parker ... Elements of Astronomy
 Young ... Manual of Astronomy
 Barlow and Bryan ... Astronomy
- (Candidates are recommended to use "Stars in the Northern Tropics" by T. Bhattacharyya.)

N.B.—Candidates who take up Mathematics at the B.A. or B. Sc. Examination are recommended to refer to "Saxelby's Practical Mathematics."

PHYSICS.

(Pass Course.)

- Hadley ... Magnetism and Electricity for Students
 Watson ... Text-Book of Physics
 Deschanel ... Elementary Treatise on Natural Philosophy
 Duncan and Starling ... Text-Book of Physics

(Pass Practical.)

- Schuster and Lees ... Advanced Exercises in Practical Physics
 Harrison ... A Course of Practical Physics
 Glazebrooke and Shaw ... Practical Physics
 Allen and Moore ... A Text-Book of Practical Physics (MacMillan & Co.)

(Honours Course.)

- (In addition to the books prescribed for the Pass Course.)
 Poynting and Thomson ... Sound
 Do ... Heat
 Do ... Electricity and Magnetism

Edser	... Light for Students.
Wagstaff	... Properties of Matter
A. C. Datta	... A Text-Book of Sound

(Honours Practical.)

Watson	... Text-book on Practical Physics
Henderson	... Practical Physics

N.B.—Candidates who take up the Honours Course in Physics at the B.A. or B.Sc. Examination are recommended to refer to Saxelby's Practical Mathematics

CHEMISTRY

(Pass Course.)

Newth	... Inorganic Chemistry
Holleman	... Organic Chemistry
Francis Jones	.. Practical Chemistry
F. Mollwo Perkin	... Qualitative Chemical Analysis—Organic and Inorganic
J. B. Cohen	.. Theoretical Organic Chemistry
Mellor	.. Inorganic Chemistry

(Honours Course.)

(In addition to the books recommended for the Pass Course.)

H. C. Jones	.. Elements of Physical Chemistry
Ostward	.. Foundations of Analytical Chemistry
J. Wade	.. Introduction to the Study of Organic Chemistry
Clowes and Coleman	.. Quantitative Analysis
Mellor	... Inorganic Chemistry
J. Walker	... Introduction to Physical Chemistry
Thorpe	... Essays on Historical Chemistry
Mollwo Perkin	.. Practical Methods of Inorganic Chemistry

N.B.—Candidates who take up Chemistry at the B.A. or B.Sc. Examination are recommended to refer to (a) Saxelby's Practical Mathematics and b) Dunningcliff's Laboratory Glassware Economics

BOTANY

(Pass Course.)

Reynolds Green, J.	Manual of Botany, Vols. I and II
Scott, D. H.	... Structural Botany, 2 Vols (London 1904-06)
Darwin, F. and Acton, G. H.	Practical Physiology of Plants (Cambridge latest edition)
{ Prain, D.	... Bengal Plants (Calcutta, 1903)
{ Roxburgh	... <i>or</i> Flora Indica, edited by C. B. Clarke, (Calcutta, 1874)
Strasburger and Hillhouse	... Practical Botany (latest edition)

(Honours Course.)

(In addition to the text-books for the Pass Course)

Strasburger, E.	... Text-book of Botany, translated by Porter, revised by Lang (Third Edition, London).
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Reynolds Green J.	... Vegetable Physiology
Schimper, A. F. W.	... Geography of Plants
Stopes	... Fossil Botany

PHYSIOLOGY.

(Pass Course.)

Halliburton	... Hand-book of Physiology
Howell	... Text-book of Physiology

(Practical.)

Schafer	... Essentials of Histology and either
Milroy	... Practical Physiological Chemistry or
Halliburton	... Essentials of Chemical Physiology and
Brodie	... Essentials of Experimental Physiology or
Beddard, Edkins, Hill, Pembrey and Macleod	} Practical Physiology

(Honours Course.)

(In addition to the books recommended for the Pass Course).

Starling	... Principles of Human Physiology
Hill	... Recent Advances in Physiology
Hill	... Further Advances in Physiology

(Practical.)

(The same as for the Pass Course).

SYLLABUS IN EXPERIMENTAL PHYSIOLOGY.

Pass Course.

The induction coil; single shocks, short circuiting key; effect of single shocks on the tongue; break-shock is stronger than the make-shock. Helmholtz's Modification; Neef's Hammer.

Pithing a frog; nerve-muscle preparation Mechanical, chemical, thermal and electrical stimulation of muscle and nerve.

The graphic method; simple lever; crank lever (myograph), moist chamber minimal and maximal excitation with single induction shocks (make and break). Stimulation by constant current, contraction of muscle only at make and break.

The muscle curve:—Single contraction of a frog's muscle; the latent period, the period of contraction and the period of relaxation. Time-tracing by tuning-fork Method of after-loading The influence of temperature and of load on muscular contraction The work performed by a muscle during a twitch.

Elasticity and extensibility of muscle.

Summation of muscular contraction, tetanus.

Fatigue of muscle.

Thickening of a muscle on contraction.

Barnard's curare experiment.

Stimulation of a motor nerve; unequal excitability (greater nearer the centre of a motor nerve), excitability of flexor and extensor nerves.

Velocity of nerve-impulse (myographic method).

Electro-Physiology — Galvani's experiment of contraction with metals Galvani's experiment of contraction without metals.

The frog's heart:—Beating of the heart; effect of heat and cold (heatr.) *in situ*, section of the heart; effect of heat and cold on excised heart.

Stannius' experiment.

Graphic record of the beat of the heart (suspension method and also direct registration with heart-lever).

Pulse-Sphygmographic tracing.

Blood-pressure in man ; Sphygmometer and Sphygmomanometer.

Reflex action (simple experiments on a pithed frog).

Vision :—Accommodation ; Scheiner's experiments ; near and far point.

Purkinje-Sanson's images ; Phakoscope ; Blind spot ; Yellow spot ; Colour vision ; Complementary colours.

Honours Course.

Additional Experiments—

The induction coil—Break extra-current of Faraday.

The Rheonome ; Effect of sudden variation of current.

Isotonic and Isometric contraction.

Influence of veratrine on muscular contraction.

Indefatigability of nerve.

Excitation of muscle by constant current ; Polar excitation of muscle.

Electrotonus, Electrotonic changes in excitability and conductivity of a nerve.

Kuhne's experiment of contraction without metals

Examination of currents in muscle, nerve and heart by means of the reflecting galvanometer.

Frog's heart—Minimal stimulus causes maximal contraction.

"Staircase effect." Single contraction of the ventricle.

Tetanisation. Refractory period Stimulation of the vagus.

Action of drugs (Muscaring digitalin, Pilocarpin and Atropin) on the heart.

Voice and Speech ; Laryngoscope

Vision .Ophthalmoscope ; Perimeter

ZOOLOGY.

Pass Course.

Boas	...	Text-Book of Zoology
Shipley and Mac Bride	..	Zoology
Oskar Hertwig and H. J. Campbell	...	The Cell
R. E. Lloyd	...	An Introduction to Biology for students in India
P. J. Parkar and W. N. Parker	..	An Elementary Course of Practical Zoology
Foster and Balfour	..	The Elements of Embryology (edited by Sedgwick and W. Heap)
Wallace	...	Darwinism
A. D. Imms	...	A Laboratory Sketch Book of Zoology for Indian Students
Punnet	...	Mendalism

Honours Course.

(In addition to the books prescribed for the the Pass Course.)

Miall and Hammond	..	The Structure and Life History of the Harlequin Fly
Miall and Denny	...	The Cockroach
Bateson	...	Problems of Genetics

Students are recommended to consult the Volumes on Protozoa and Insects forming parts of the Cambridge Natural History.

GEOLOGY.

No text-books are prescribed. The subject is to be studied with the help of the Syllabus prescribed in the Regulations

EXPERIMENTAL PSYCHOLOGY.

The subject is to be studied as defined by the Syllabus. Students are recommended to use one or more of the following books :—

Pass Course.

I—General Psychology—

Yerkes	... Introduction of Psychology
Wundt	... Human and Animal Psychology
Titchener	... Text-book of Psychology
Leckley	... The Nervous System (Longmans & Co)

Preparatory Reading; Students are advised to read Titchener's Primer of Psychology before joining the regular class.

II—Experimental Psychology—

Sanford	... Course in Experimental Psychology
Myers	... Text-book of Experimental Psychology Part I—Text-book

Preparatory Reading :—

Students are advised to read Myers' Primer of Experimental Psychology before joining the regular class.

Laboratory Course :—

Titchener's Experimental Psychology, Vol I Part I, and Vol. II, Part I (Student's Manual, Qualitative and Quantitative)

Myers' text-book of Experimental Psychology, Part II (Laboratory Course)

Honours Course.

I—General Psychology (Same as in the Pass Course with the addition of Kulpe's Outlines of Psychology)

II—Physiological and Comparative Psychology—

Wundt	... Principles of Physiological Psychology Vol. I, Part I (The Bodily substrate of Mental Life)
Ladd	... Elements of Physiological Psychology
Thorndike	... Animal Intelligence
Lloyd Morgan	... Comparative Psychology
M. Greenwood (Jr.)	... Physiology of the Senses

III—Experimental Psychology—

In addition to the books recommended for the Pass Course, the following :—

Scripture	... New Psychology
Titchener	... Lectures on the Psychology of the Thought Processes
Titchener	... Instructor's Manual—Quantitative (In- troduction)

M.A. EXAMINATION, 1920.

ENGLISH.

COMMON PAPERS FOR GROUPS A AND B.

Paper I.—General History of English Literature.

(No text books.)

Paper II.—Drama.

Shakespeare	... Coriolanus; As you Like It
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Ben Jonson	... Volpone, or the Foxe
Beaumont and Fletcher	... Philaster

Paper III.—Poetry.

Spenser	... Faerie Queene Book I
Milton	... Paradise Regained
Swinburne	... Atalanta in Calydon

Paper—IV.—Prose.

Bacon	.. Essays
Milton	.. Areopagitica
Matthew Arnold	... Culture and Anarchy

GROUP A.*Paper V.—Chaucer and outlines of Historical English Grammar.**(a) Text—*

Chaucer	... The Prologue ; Legend of Good Women (including its prologue)
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(b) Books recommended for study—

Morris	... Historical English Accidence, Chapters I-IX
Emerson	.. History of the English Language
Kellner	.. Historical English Syntax

Paper VI —Selected Period of Poetry

Early Nineteenth Century Poetry (1798-1832).

The undermentioned authors are recommended for special study in their chief works as specified below ; but candidates will not be expected to show a detailed knowledge of the texts named .—

Wordsworth	... Prelude, Books I, XII, XIII ; Excursion, Book I ; Selections by Matthew Arnold (Golden Treasury Series).
Coleridge	... Selections by Stopford A. Brooke (Golden Book of Coleridge)
Byron	... Vision of Judgment ; Selections by Matthew Arnold (Golden Treasury Series)
Shelley	... Prometheus Unbound ; Selections by Stopford A. Brooke (Golden Treasury Series).
Keats	... Hyperion ; Eve of St. Agnes ; Lamia
Golden Treasury of Songs and Lyrics edited by Palgrave, Book IV.	
Selections from English Poets edited by Ward, Volume IV.	

Paper VII.—Selected Period of Prose.

The undermentioned authors are recommended for special study in their chief works as specified below ; but candidates will not be expected to show a detailed knowledge of the texts named .—

Wordsworth	... Prefaces and Appendices (Oxford Edition)
Scott	... Talisman ; Old Mortality ; Kenilworth
Coleridge	... Biographia Literaria, omitting Chapters 5-9 and 12

Lamb	... Essays of Elia
Landon	... Selections by Sidney Colvin (Golden Treasury Series)
Jane Austen	... Pride and Prejudice
Hazlitt	... English Literature, edited by Zeitlin (Oxford University Press)
De Quincey	... Selections by Bennett
Shelley	... Defence of Poetry

Paper VIII.—Essay or Essays on subjects connected with the course.

GROUP B.

Paper V.—English Language and Literature prior to 1100 A. D.

Sweet	... Anglo-Saxon Reader, Part, I, pages 1-174
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Paper VI.—English Language and Literature from 1100 A. D. to 1500 A. D. (including Chaucer.)

Chaucer	... Canterbury Tales—Prologue; Knight's Tale; Clerk's Tale; Monk's Tale; Nonne Priest's Tale; Squire's Tale; Book of the Duchesse; Parliament of Fowls
Morris and Skeat	... Specimens of Early English: Part I—The Owl and the Nightingale. Ancren Riwele Havelok and Dane. Part II—Langland, Barbour
Skeat	... Specimens of English Literature—Chevy Chase, The Nut Brown Maid, The Mirror for Magistrates

The unseen passages set in this Paper will be restricted to portions of Chaucer and Langland not included in the set texts.

Paper VII.—Historical English Grammar (including the elements of Teutonic Philology).

Books recommended for study—

Wyatt	... Old English Grammar
Morris	... Historical English Accidence
Kellner	... Historical English Syntax
Skeat	... Principles of English Etymology, 1st and 2nd Series

Paper VIII.—Essay or Essays on subjects connected with the Course.

SANSKRIT.

The course shall include the following :—

(The books prescribed for the first four paper are common to all the groups).

Paper I.—(a) Ashtaka II of the Rigveda with Sayana's commentary thereon, (b) Sayana's Instruction to his commentary on the Rigveda.

Paper II.—Siddhanta-Kaumudi (whole).

Paper III. (a) and (b) Elements of Comparative Philology with special reference to the Indo-Iranian Languages and the growth of the Prakritic dialects.

The following books are recommended :—

Breal, M.—Sementics (Translated by Mrs. Cust) (Heinemann).

PART I—14.

- Edmonds, J. M.—Comparative Philology (omitting ch. ix).
 Macdonnell, A. A.—Vedic Grammar for Students (Oxford).
 Strong, H. A., Logemann W. S., and Wheeler. B. T.—Introduction to the
 Study of the History of Language (Longmans).
 Sweet, H.—The History of Language (Dent).
 Tucker, T. G.—Introduction to the Natural History of Language (Blackie).
 Uhlenbeck, C. C.—A Manual of Sanskrit Phonetics (Luzac).
 Whitney, W. D.—Sanskrit Grammar (Trübner).
 Encyclopaedia Britannica (11th Edition): The article on Philology.
 Hastings' Encyclopaedia of Religion: The article on Aryan Religion.
 (c) Sabdasaktiprakasika (Samasaprakaraṇa).
 Paper IV.—Two essays—(a) dealing with some subject connected with the
 history of Sanskrit literature generally; (b) dealing with some subject connected
 with the history of the special department covered by the group taken up.
 Papers V, VI, VII and VIII.—One of the following groups to be selected by
 the candidate :—

A (LITERATURE).

Paper V.—(a) Poetry Text :—

Naishadha Charita	... Canto 15, with Mallinatha's commentary
Kamandakiya Nitisara	... (Jibananda's edition) Chapters 8, 9, 10 and 11 (pages 37-62).
Sukra Nitisara	... (Jibananda's edition) Chapter 4 (pages 507-670).
Mahabharata	... Rajdharma, Santiparava, Chapters 56-60, 68, 69, 86-88 (Pratap Ray's edition)
Bharabi	.. Canto 17, with Mallinatha's commentary

(b) Translation from English into Sanskrit.

Paper VI.—(a) Drama texts: Vikramorvasi, Mrichhakatika, Venisamhara,
 Mahaviracharita, Karpuramanjari, Vararuchi's Prakrit Prakasa as is necessary for
 the appreciation of the Prakrit passages.

(b) Translation from English into Sanskrit.

Paper VII.—(a) Prose text: Vasavadatta. Harshacharita, Chapters 5 and 6.

(b) Unseen passages in Sanskrit Prose for translation into English.

Paper VIII.—(a) Rhetoric and Prosody, namely, Kavyaprakasa, Ekavali
 Saravati Kanthavarana, Sahitya-darpana and Chhandamanjari.

(b) Unseen passages in Sanskrit Poetry for translation into English.

B (VEDAS).

Paper V.—Yaska's Nirukta and Pingala's Chhandasutras with Halayudha's
 Vritti Pratisakhya of Rigveda, with the commentary of Uvata.

Paper VI.—(a) Aitareya Brahman with Sayana's commentary.

(b) Simple unseen passages in Vedic Sanskrit for translation into classical
 Sanskrit.

[The interpretations of any recognized Indian School will be accepted.]

Paper VII.—(a) Vrihadaranyaka, Chapters III and IV. Chhandogya,
 Chapters V, VI, VII and VIII.

(b) Simple unseen Sanskrit passages from any Upanishad for translation
 into English.

Paper VIII.—(a) Grihya-Sutra—Gobhila with commentary.

(b) Translation from English into Sanskrit.

C (MIMANSA AND SMRITI).

Paper V.—(a) Mimamsa Sutras with Sabara Bhashya, first six chapters

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Mimamsa Philosophy, such as Sloka-Vartika and the Tantra-Vartika, for translation into English.

Paper VI.—(a) Jaiminiya Nyaya Mala Vistara and Mimamsa Nyaya-prakasa.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Mimamsa Philosophy such as the Mimamsa-Balaprakasa, and the Tupteeka, for translation into English.

Paper VII.—(a) Manu Sanhita with Kulluka's commentary.

Dharma Sutra of Apastamba and Gautama with Haradatta's commentary.

(b) Grihya-Sutra—Gobhila.

Paper VIII.—(a) Yajñavalkya Sanhita with Vijnanesvara's Mitakshara—Parasara's Institutes with Madhava's commentary

(b) Translation from English into Sanskrit.

D (VEDANTA).

Paper V.—(a) Vedāntasara (Jacob's edition), Panchadasi, Vedānta Paribhasha Hastamalaka (with commentary), and Siddhantaśa.

(b) Simple unseen Sanskrit passages from any work on Vedānta Philosophy, such as the Vivaranaprāmēya-Sangraha for translation into English.

Paper VI.—(a) Vedāntasūtras with Sankara Bhashya.

(b) Translation from English into Sanskrit.

Paper VII.—(a) Sribhashya—Chapter I, Part I.

(b) AdvaitaBrahma-Siddhi

Paper VIII.—(a) Bhagavadgita and Chhandogya as in Group B, Munda Mandukya, Svetasvatropanishad with Sankara's commentary.

(b) Passages for translation into English from the Anubhashya and the Saivabhashya.

E (SANKHYA AND YOGA).

Paper V.—(a) Sankhyasutra of Kapila, with Vritti of Aniruddha, Sankhya-Karika of Iswarakrishna, with Bhashya of Gaurapada.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Sankhya Philosophy for translation into English.

Paper VI.—(a) Sankhya Pravachana Bhashya, Sankhya-Sara; and Sankhya-Tattva Kaumudi.

(b) Translation from English into Sanskrit.

Paper VII.—(a) Yoga Sūtras of Pātanjali, with Bhashya of Vyasa and Vritti of Bhoja, Yoga Vartika of Vijnana-Bhikshu

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Yoga Philosophy for translation into English

Paper VIII.—(a) Yoga Vasishtha—Chapter on Nirvana, Part II; Sarba-darsana-Sangraha

(b) Translation from English into Sanskrit.

F (NYAYA AND VAISESHIKA).

Paper V.—(a) Nyayasūtras of Gautama, with the Bhashya of Vatsyayana, Vartika of Udyotkara, and Vritti of Visvanatha.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Nyaya Philosophy for translation into English.

Paper VI.—(a) Nyayamonjari of Jayanta Bhatta. Khandana Khanda Khadya of Sriharsha—Chapter I.

(b) Translation from English into Sanskrit.

Paper VII.—(a) Bhasha Parichheda, Siddhanta-muktavali, Kusumanjali of Udayanacharya, with commentary of Ruchidatta and gloss of Vardhamana.

(b) Translation from English into Sanskrit.

Paper VIII.—(a) Vaisesika Sutras of Kanada, with Bhashya of Prasastapada, Nyayakandali of Sridhara, and Vritti of Jaynarain; Saptapadarthi of Sivaditya with commentary of Yatindramadhava.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Vaisesika Philosophy for translation into English.

G (GENERAL PHILOSOPHY.)

Paper V.—(a) Sankhyasutras of Kapila with Vritti of Anirudha. Sankhya Tattva Kaumudi. Yogasutras of Patanjali with the Bhashya of Vyasa and Vritti of Bhoja.

(b) Simple unseen Sanskrit passages from any work on Philosophy for translation into English.

Paper VI.—(a) Nyayasutras of Gautama with Bhashya of Vatsyayana and Vritti of Visvanatha. Vaisesikasutras of Kanada, with Bhashya of Prasastapada and Nyayakandali of Sridhara

(b) Translation from English into Sanskrit

Paper VII.—(a) Yadvantashara (Jacob's edition). Bhagavadgita, Vedanta, sutras, with Sankara's commentary, Chapter I, Part I and IV; Chapter II, Part II.

(b) Translation from English into Sanskrit.

Paper VIII.—(a) Nyayaratnamala of Parthasarathi Misra; Mimamsa Nyaya Prakasa of Apadeva. Upanisads—Iśa, Keṇa, Katha, Prasna, Munda Mandukya and Svetasvatara, with Sangara's commentary.

(b) Simple unseen Sanskrit passages from any work on Philosophy for translation into English.

H (PRAKRIT)

Paper V.—(a) Prasna Vyakarana and Vipakasutra.

(b) Translation from English into Sanskrit (or Prakrit, at the option of the candidate).

Paper VI.—(a) Prakrit portions of the following dramas:—

Sakuntala, Vikramorvasi, Malavikagnimitra, Uttaracharitra, Malatimadhava, Mahavira-Charita, Mrichhakatika. Mudrarakshasa, Ratnavali, Karpuramanjari, Venisamhara.

(b) Translation from Sanskrit into Prakrit.

Paper VII.—(a) Setubandha; Gaudavaha; Kumarapalacharita, together with a general knowledge of Prakrita Paingalam.

(b) Simple unseen passages in Prakrita for translation into English.

Paper VIII.—(a) Prakrit Grammar as in Vararuchi's Prakrita Prakasa (Cowell), Chhandah's Prakrita Lakshanam (Hærnle), Hemchandra (Pischel).

Grammar of the Gandian languages. Candidates are also expected to be familiar with the substance of Hærnle's.

(b) Simple unseen passages in Prakrit for translation into Sanskrit.

I (EPIGRAPHY AND HISTORY).

Paper V.—(a) Rajatarangini and its continuations with Stein's introduction and commentary.

(b) Unseen passages in Sanskrit for translation into English

Paper VI.—(a) Inscriptions of Asoka

(b) Early Indian Alphabets.

Paper VII.—Epigraphia Indica—

Vol.	I,	Inscriptions Nos. 1, 8, 11, 13, 35,
"	III,	" Nos. 8, and 17.
"	V,	" Nos. 2 and 19.
"	VI,	" Nos. 1 and 14.
"	VII,	" No. 6

Fleet's Corpus Inscriptionum—Nos. 1—18, 33—37.

Prachina Lekhamala—Lekhas—66, 67, 69, 77—80, 84, 85, 90, 92, 95, 96, 107, 110, 111, 117, 118 and 122.

Paper VIII.—(a) Ancient Geography of India.

(b) Translation from English into Sanskrit.

PALĪ.

COMPULSORY PAPERS.

Paper I.

(a) *Digha Nikaya* (P.T.S.) :—

Brahmajala Suttanta

Samannaphala-Suttanta

Sigavolada

Ambattha Sutta

(b) *Majjhima-Nikaya* (P.T.S.) Vol. I.—Suttas 1-15

(c) *Samyutta-Nikaya* (P.T.S.) Vol. I., pp. 1-102

(d) *Anguttara-Nikaya-Pancakanipata* (P.T.S.)—pp. 1-110

Paper II.

(a) *Mahavagga* of the *Vinaya Pitaka* (P.T.S.)—pp. 1-156

(b) *Patimokkha* (P.T.S.)

(c) *So-sor-thar-pa* by Mahamahopadhyay Dr. Satishchandra Vidyabhushan

Paper III.

Kaccāyana Pali Grammar

Vuttodaya—ed. C. A. Silakhanda. (Niraya Sagar Press, Bombay.)

Vararuchi—Prakrita Prakasa

R. G. Bhandarkar—Wilson Philological Lectures

Morris—Notes and Queries (on Pali words) (J.P.T.S.) 1885-87

Grimm's Law by Mahamahopadhyay Dr. Satishchandra Vidyabhushan

Paper IV.

Rhys Davids—Buddhist India

Rhys Davids—American Lectures

Mrs. Rhys Davids—Buddhism

Kern—Manual of Buddhism

Spence Hardy—Manual Buddhism

Oldenberg—Buddha

Huernle—Manuscript Remains of • Buddhist Literature found in Eastern Turkestan, Vol. I. (The translation and the notes only.)

GROUP A (LITERARY).

Paper V.

(a) (1) *Vessantara-jataka* (Fausball No. 547)

(2) *Kulagaka-jataka* (31)

(3) *Chullabodhi-jataka* (443)

(4) *Mahajanaka-jataka* (539)

(5) *Umagga-jataka* (546)

(6) *Temiya-jataka* (538)

(7) *Mahasutasoma-jataka* (537)

(8) *Dasaratha-jataka* (461)

(9) *Ghata-jataka* (454)

(10) *Devadhamma-jataka* (6)

(11) *Vidura-pandita-jataka* (545)

(b) All the *Jatakas* referred to in Bharaut-sculptures so far as they have been identified (Rhys David's *Buddhist India*, p. 209)

- (c) *Dhammapada Atthakatha* (P.T.S.), Vol. II
- (d) *Petaṅkavāṭṭu* (P.T.S.), pp. 1-43
- (e) Introduction to Rhys David's *Buddhist Birth Stories*

Paper VI.

Theri-Gāthā with *Parmatha dipanī*
Theragāthā (first-half)
Suttanipata—Ed. Fausball (pp. 1-99)
Visuddhimagga (Calcutta Buddhist Text Society)
Puggalapaṇṇatti (P.T.S.)
Milindapaṇṇo (*Mendakapaṇṇa*, only pp. 90-188)

Paper VII.

1. Inscriptions of Asoka (Senart and Buhler)
2. *Piprahwa Stupa* Inscription (as in Luder's List of Brahmi Inscriptions No. 931)
3. *Bharaut Stupa* Inscriptions (as in Luder's List, Nos. 678-903)
4. *Sanchi Stupa* Inscriptions (as in Luder's List, Nos. 161-658)

GROUP B (PHILOSOPHY)

Paper V.

Dhammasaṅgani
Tikapaṭṭhana
Kathavāṭṭu (P. T. S.). Vol. I, pp. 1-103

Paper VI.

Abhidhammattha Saṅgaha
Netti
Abhidhammavātara

Paper VII.

Atthasālini (P. T. S.), pp. 1-136
Vibhaṅga (P. T. S.), pp. 1-150
Dhātukatha (P. T. S.), pp. 1-100

GROUP C (EPIGRAPHY AND HISTORY).

Paper V.

Mahāvamsa (Chs. 21-37, Geiger's edition)
Sasanavamsa (P. T. S.)
Dathavamsa (P. T. S.)

Paper VI.

- (1) Inscription of Asoka
- (2) *Hathigumpha* Inscription of Kharavela
- (3) *Ramgarh Cave* Inscriptions

Paper VII.

- (a) Inscriptions of the *Kshaharata* and *Satavahana* Dynasties
- (b) Inscriptions of the Imperial Guptas

Paper VIII.

Cunningham—*Ancient Geography of India*
 Reports of the Archaeological Survey of India about *Taxila* and *Isipatana*
 Yuan Chwang (Dr. Watters), 2 vols

GROUP D (MAHAYANA LITERATURE AND PHILOSOPHY)

Paper V.

Lalita Vistara
Asvaghosha's Buddhacarita

Paper VI.

Madhyamika Sutra with Vritti of Chandrakirti
Lankavatara Sutra (Calcutta Buddhist Text Society)
Sutralankara of Asanga, edited by Sylvain Levi

Paper VII.

Nyayabindu Tika of Dharmottara (A. S. B.)
Sarvadarsanasangraha (portion dealing with Buddhism)
Mediæval School of Indian Logic (Buddhist Logic only) by Mahamahopadhyay Dr. Satishchandra Vidyabhushan

Paper VIII.

Thibaut—Sanskrit Grammar
Macdonell—Sanskrit Grammar

ARABIC.

Kitābu'l Aghānī, Vol. IV—

(a) from middle of page 17 to middle of page 34

(b) from page 74 to page 98

Yatimatul-Dahr, Vol. IV—Al-Babul-Khāmis fi dhikr-i Abi'l-Fadli'l-Hamadani, pages 167-204

Quarān with the Kashshaf by Zamakhshari—The whole of Suratu'l-Imrān
Mishkātul-Maābih

(a) Kitbu'l-Imārat-i-Wa'l-Qādā'i

(b) Kitbu'l-Adab

Ishārāt by Avicenna, Al-Namatu't-Tasi and Al-Namatu'l-Āshir

Futūhu'l-Buldān by Balādhiri—From pages 152-240

Mufassal by Zamakhshari—From the beginning of the book up to the end of the Bahth Ism-i-Murāb

Fara'id by Mullā Maḥmād Jawnpūri Ilm. 'l-Ma'āni—From the beginning of the Muquaddima up to the end of the *Now-i-Awāl* of the *Fanni-i-thānī*

NOTE :—The following books should be consulted by the students :—

'Adabul-Lughati'l-'Arabiyya, by Shaikh Darāz

Tārikhu'l-Lughati'l-'Arabiyya, by Muhammad Bey

Ditto by Jirji Zaidān

Ditto by Hafni Bey

Al-Falsafatu'l-Lughawīyya, by Jirji Zaidān

Tamrinut-Tullāb

Kitāb 'sh-shir wa'sh Shu 'ara' i, by Ibu Qutaiba

'Ilmu'l-Adab

—Maqālāt

Matāli 'u' l-Budūr, by Salim al-Insī

Majāniyu'l-Adab.

PERSIAN

Poetry.

The Hadiqa of Sanā'i (Nawāi Kishor edition, 1887), Chapters I, V, VI and VII.

The *Maṭīqu-l-Tair* of 'Attār, from the first *Maqāla* to the last (Paris edition, 1857 or any edition).

The *Diwān* of Nāsir-i- Khusraw (Bombay edition)

The *Qasā'id* of Zahir Faryābī—All the Persian *Qusidas* (Nawal Kishor or any edition)

Prose.

The *Tazkira* of Dawlat Shāh

The *Tazkira* of 'Attār Part II (London edition)

The *Kimīyā-i-Sa'ī-i-Sa'ādat Ghazzālī* (pages 1-50)

The *Durrā'i-i-Nādira* (Bombay edition), omitting the *Dibācha* from page.

33 to 75

The *Hadā'iqu-l-Balāghat*—the first two *Hadīquas*

Arabic Prose—The Prose selection prescribed for B.A. Pass course

COMPARATIVE PHILOLOGY.

Apte, V. S.—A Guide to Sanskrit Composition. (Bombay)

Banerji, R. D.—The History of the Development of the Bengali Alphabet (Calcutta University)

Belvalkar, Dr. S. K.—Systems of Sanskrit Grammar (Oriental Book Supplying Agency, Poona)

Bhandarkar, Sir R. G.—Wilson Philological Lectures for 1877. (Bombay)

Breal, M.—Semantics (Translated by Mrs. Cust.) (Heinemann)

Bhūler, G.—Indian Palaeography. (Edited by Fleet)

Chatterji, Basanta Kumar—Prakṛita Prakasa. (Calcutta)

Clodd, E.—Story of the Alphabet. (Newnes)

Edmonds, J. M.—Comparative Philology (omitting Chap. ix). (Cambridge)

Giles, P.—A Manual of Comparative Philology (pp. 1-96). (Macmillan)

Grierson, G. A.—Linguistic Survey of India—Introductions to the various volumes dealing with the Aryan Languages

Grierson, G. A.—Phonology of the Indo-Aryan Vernaculars of India. (Reprinted from the German Oriental Society's Magazine, Vol. xlix, 1895, pp. 393ff and Vol. I, 1896, pp. 1ff)

Höernle, R. H.—A Comparative Grammar of the Gaudian Languages. (Trübner)

Ihering and Delbrück.—The Evolution of the Aryan. (Swan, Sonnenschein)

Imperial Gazetteer of India, Vol. I, Chap. vii, and Vol. II, Chaps. vi and xi.

Jackson, A. V. S.—Philology. (Pamphlet published by the Colombia University Press)

Kaegi, A.—Rigveda. (English translation)

Kanga, K. E.—Avestā Grammar

Ditto Khordeh Avestā bā Māēni

Ditto Gāthā bā Māēni

} (Bombay)

Maedonell, A. A.—A Vedic Grammar for Beginners. (Oxford)

Mott, F. W.—The Brain and Voice in Speech and Song. (Harper)

Moulton, J. H.—Early Religious Poetry of Persia. (Cambridge University Press)

Müller, E.—Pali Grammar. (Trübner)

Report on the Census of India for 1901. (The chapter on Languages)

Stout, G. F.—Groundwork of Psychology, Chap. xiii. (London University Tutorial Press)

Stout G. F.—Text-book of Psychology, Chap. iv. (London University Tutorial Press)

Strong, H. A., Logemann, W. S., and Wheeler, B. I.—Introduction to the Study of the History of Language. (Longmans)

- Sweet, H.—The History of Language. (Dent)
 Tagore, Sir Rabindra Nath—Sabbatattava. (Calcutta)
 Trivedi, Ramendrasundara—Sabbdakathā. (Calcutta)
 Tucker, T. G.—Introduction to the Natural History of Language. (Blackie)
 Uhlenbeck, C. C.—A Manual of Sanskrit Phonetics. (Luzac)
 Shastri, Vidushekhara—Pāli Prakāsa. (Calcutta)
 Vidyānidhī, Jogesh Chandra Roy—Bāṅgālā Vyākaraṇa. (Bangiya Sahitya Parishad)
 Victor, W.—Elements of Phonetics. (Dent)
 Whitney, W. D.—Sanskrit Grammar. (Trübner)
 Wright, J.—A Comparative Grammar of the Greek Language. (Oxford)
 Encyclopædia Britannica (11th edition) :—

The articles on—

Aryan	Accent	Aorist	Behari	Rajasthani
Grammar	Alphabet	Article	Bengali	Sindhi
Indo-Aryan	Dialect	Augment	Gujarati	Urdu
Indo-European	Phonetics	Dative	Hindi	Pahlavi
			(Eastern)	
Jargon	Writing	Infinitive	Hindi (Western)	Persia
Language	Ablative	Paisaci	Marathi	Zoroaster
Philology	Accidence	Pali	Oriya	
Significs	Accusative	Prakrit	Pahari	
Slang	Adjective	Sanskrit		

Hastings' Encyclopædia of Religion—The article on Aryan Religion

N. B.—For the purposes of the Comparative Philology of Vedic Sanskrit the following selections from Avesta which are contained in the books mentioned in the list are also expected to be known

Ashem Vohu, Gāthā Ahu-Vairya, Yenhe hātām, Kem nā Mazda; Yasna—IX, XII, XXVI 1-10, XXIX—XXX, XLIV, LIV, LVII and LX

INDIAN VERNACULARS.

The M. A. Examination in Indian Vernaculars will be held for the first time in 1920 for the benefit of non-Collegiate students, if any, and all candidates at that Examination will be required to take up Bengali as the Principal Vernacular.

Until further orders, candidates will be allowed to select the Subsidiary Vernacular from the following list :—

Assamese, Oriya, Hindi, Marathi, Gujarati, Tamil, Telugu, Kanarese, Malayalam, Singhalese, Urdu.

BENGALI.

Paper I.

History of Bengali Literature from the earliest times down to 1850.

Special Period.—Vaishnab Literature during the sixteenth Century.

Books recommended :—

D. C. Sen	... History of Bengali Language and Literature.
D. C. Sen	... Vaishnab Literature of Mediæval Bengal
D. C. Sen	... Chaitanya and his Companions.

Paper II.

(1) Vanga Sahitya Parichaya, edited by D. C. Sen Vol. I, pp. 27-101.

(2) Mayanamatir Gan, edited by Nalinikanta Bhattacharya (Dacca Sahitya Parishad) and Baikunthanath Datta.

Paper III.

Mukundaram Kabikankan—Chandimangal.
Michael Madhusudan Dutt—Meghnadbadh.

Paper IV.

- (a) Development of prose style in Bengali Literature, 1800-1857.
(b) Influence of Western Culture on Bengali Literature, 1857-1880.

In papers II and III, 75 marks shall be allotted to the texts and 25 marks to the unseen passages.

Questions on the texts shall include :—

(a) Questions on the subject matter and on the language of the prescribed books (historical, geographical, critical questions and literary allusions are not excluded.)

(b) Questions on Grammar and Prosody arising from the texts.

(c) Questions on the life and literary career of the authors whose works are prescribed.

Until further orders, the list of basic languages will include the following :—

Prakrit.

Pali

Persian

The following lists of books have been recommended for use by students taking up the different languages mentioned as part of their course for the M. A. degree in Indian Vernaculars ;—

ASSAMESE.**TEXTS.**

Sankardeb	... Rukmini Haran.
Bhattadeb	... Katha Gita (First Three Chapters).
Gunabhiram Barua	... Asam Buranji (First Four Chapters).
Lakshminath Bezbarua	... Kripabar Barbaruar Kakatar Topola.
Maftjuddin Ahmad	... Jnana Malini.

GRAMMAR.

Hemchandra Barua	... Asamiya Byakaran.
Debananda Baharali	... Asamiya Bhashar Maulik Bichar.
Satyanath Bora	... Sahitya Bichar.
Debananda Bharali	... Anglo Assamese Grammar.
G. F. Nicholl	... Assamese Grammar (in Bengali Manual).

LITERARY HISTORY.

Debendranath Bezbarua	... Assamiya Bhasha Aru Sahityar Buranji.
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ORIYA.**TEXTS.**

Jagannathadasa	... Bhagabata, Skandha XI.
Upendra Bhanja	... Baidehisabilasa, Part IV.
Madhusudana Rao	... Prabandhamala.
Madhusudana Rao	... Kusumanjali.
Pakhiramohana Senapati	... Chha-mana At-guntha.

GRAMMAR.

Radhanath Ray	... Byakarana Prabesa.
E. C. H. Hallam	... Oriya Grammar.

LITERARY.

- Manmohan Chakrabarti ... Articles on Oriya Literature (in the J.A.S.B. 1898-99)

MARATHI.

TEXTS.

- Gadyaratna Samuchchay, Part. I.
Navanit, pp. 2-22, 47-88. 159-171, 381-410.

GRAMMAR.

- Ramchandra Bhikaji Joshi ... Praudhabodh Vyakaran
G. R. Navalkar ... Marathi Grammar.

LITERARY HISTORY.

- Bhabe ... Maharashtra Sarasvat.

HINDI.

TEXTS.

- | | | |
|-------------------|-----|------------------------|
| Kashi Ram and | } | Tulsi Sangraha. |
| Dwarka Prasad | | |
| Ramnares Tripathi | ... | Kavita Kaumudi, Part I |
| Harischandra | ... | Satya Harischandra. |
| Ajodhya Singh | } | Theth Hindi Ka That. |
| Upadhyay | | |
| Misra Bandhu | ... | Hindi Navaratnamala. |

GRAMMAR.

- Kellogg ... Grammar of the Hindi Language.
Pincott ... Hindi Manual
Etherington ... Bhasha Bhaskar
Garcin de Tassy ... Chrestomathie Hindie on Hindoule.

LITERARY HISTORY.

- Grierson ... Vernacular Literature of Hindustan.

GUJARATI.

TEXTS.

- Ghanasyam ... Patanani Prahuta (Gujarati Press, Bombay)
I. P. Khansaheb
and Narharilal
Trikamlal ... Sahitya Ratna.

GRAMMAR.

- Taylor ... Gujarati Bhashanun Vyakaran.
K. P. Trivedi ... Madhya Vyakaran.
St. Clair Tisdall ... Simplified Grammar of the Gujarati Language.
Khansaheb and Sheth ... Hints on the Study of Gujarati

LITERARY HISTORY.

K. M. Jhaveri

... Milestones in Gujarati Literature

URDU.

TEXTS.

Kalam-i-Urdu (Board of Examiners).

Hayat-i-Saadi (Hali).

Taubatu-n-Nasuh (Nazir Ahmad).

Nazm-i-Muntakhab.

Musaddas-i-Hali

GRAMMAR.

Palmer

... Simplified Grammar of Hindustani,
Persian and Arabic

Green

... A Practical Hindustani Grammar

Forbes

... Hindustani Grammar

Platts

... Ditto

LITERARY HISTORY.

Gartin de Tassy

... Histoire de la Literature Hindoule et
Hindoustanie

Azad

... Ab-i-Hayat

TAMIL.

Wickremsinghe

... Tamil Grammar Self-taught

Pope

... Tamil Handbook

Do

... Catechisms of Tamil Grammar, I-II

Arden

... Progressive Grammar

Caldwell

... Comparative Grammar of Dravidian
Languages

Purnalingam Pillai

... Primer of Tamil Literature

Do

... Viveka Vilakkam

Do

... Seyyul Korai

Do

... Vasaka Thirattu

Matriculation Selections (Madras University.)

TELUGU.

Brown

... Telugu Grammar

Morris

... Simplified Telugu Grammar

Arden

... Telugu Grammar, 1905, Telugu Com-
panion Reader, 1879

Caldwell

... Comparative Grammar of Dravidian
Languages

Narasingham and Narasingharow

... Ananda Readers, Parts III & IV

Matriculation Selections (Madras University.)

MALAYALAM.

Gundert

... Catechism of Malayalam Grammar
(Madras, 1881)

Fohnmeyer

... Progressive Grammar of Malayalam
(Mangalore, 1889)

Pect

... Malayalam Grammar, (Cottayam 1841)

Caldwell	...	Comparative Grammar of Dravidian Languages
Fourth Reader	...	} Bassel Mission (Mangalore)
Twelfth Reader	...	
Gadya Malika, Part II	...	
History of Malayalam Literature	...	
Matriculation Selections (Madras University)		

KANARESE

Kittel	... Grammar of Old and Modern Kannada (Mangalore, 1903).
Spencer	... Kanarese Grammar (Mysore, 1914)
Caldwell	... Comparative Grammar of Dravidian Languages
Rice	... History of Kanarese Literature
Padya Sangraha.	
Padya Sara, Part, I, pp. 3-4, 12-13, 27-30, 77-86 and 103-106.	
Katha Sangraha. Part, I, pp. 1-96.	
" " II, pp. 210-280.	
Nirmale (or She Stoops to Conquer) in Kanarese	
Sabbadarsa (Kanarese).	
Matriculation Selections (Madras University).	

SINHALESE.

Wickremasinghe	... Sinhalese Grammar (London, 1916).
Gunna Sekra	... Comprehensive Sinhalese Grammar (Colombo, 1892).
Do.	... Kusajatakakavya.
Gunawardhana	... Subhasitaya.
Samarasekara	... Sinhalese Translation of the Digha-nikaya, Vol. I (Brahmajalasutra and Ambatthasutra only).
Gurulu Goru	... Amawatura (First four chapters only) edited by Jayatilaka.

MAITHILI

Grierson	... Grammar and Chrestomathy, 2 vols.
Vidyapati	... Padabali (Bangiya Sahitya Parishad; Indian Press, Allahabad; Coomarswamy and Arun Sen).
Umapati	... Parijata Harana edited by Grierson (Bihar and Orissa Research Society Vol. III, 1917).
Grierson	... Vernacular Literature of Hindustan.

PALI

Anderson	... Pali Reader.
Frankfurter	... Pali Handbook
Müller	... Simplified Pali Grammar
Victor Henry	... Precis de Grammaire Palie
Vidhusekhar Sastri	... Pali Prakasa

PRAKRIT

Vararuchi	... Prakrita Prakasa
Rahasakhara	... Karpuramanjari
Cowell	... Introduction to Prakrit

PERSIAN

New Persian Selections (Board of Examiners),	
Kanga	... Selections from Persian Prose and Poetry.
Platts and Ranking	... Persian Grammar
Rosen	... Ditto.
Kanga	... Hints on the Study of Persian

MENTAL AND MORAL PHILOSOPHY.

Paper I.—History of Ancient European Philosophy.

The following books are recommended :—

Ueberweg	...	History of Philosophy.
Caird	...	Development of Theology in the Greek Philosophers.
{ Zeller	...	Plato
or		
{ Zeller	...	Aristotle
or		
{ Gomperz	...	Greek Thinkers, Vol. IV.

Students will be expected to have a special knowledge of the system of Plato or Aristotle and to show an acquaintance with the following special texts :

Either
Plato's Republic

or
Aristotle's Metaphysics.

Paper II.—Mediæval and Modern European Philosophy.

The following books are recommended :—

{ Erdmann	...	History of Philosophy, Vol. II
or		
{ Adamson	...	Development of Modern Philosophy.
De Wulf	...	History of mediæval Philosophy (Longmans),
Rand	...	Modern Classical Philosophers (Constable)
Perry	...	Present Philosophical Tendencies.
Hume	...	Inquiry concerning Human Understanding.
Watson	...	Philosophy of Kant as contained in extracts from his own writings.

Paper III.—Outlines of Indian Philosophy.

The following books are recommended :—

Max Müller	...	Six Systems of Indian Philosophy.
Daussen	...	Philosophy of the Upanishads.
Rhys Davids	...	Indian Buddhism (Hibbert Lectures)
Madhavacharyya	...	Sarvadarsana Sangraha (Cowell and Gough). [Charyaka, Bauddha, Arhata, Ramanauja, Vaiseshika, Nyaya, Sankhaya and Patanjala Systems.]
Sankara	...	Commentary on the Vedanta Sutras, Second Adhyaya, Padas I and II only (Thibaut).

- | | | |
|-------------|-----|--|
| Ramanuja | ... | Commentary on the Vedānta Sūtras, Introduction and the first Sūtra, Pada I, Adhyāya I. |
| Seal, B. N. | ... | Positive Sciences of the Hindus [Chapters I (pp. 1-56), VI (pp. 218-219), and VII]. |

Papers.—IV-VII—(i) Psychology.

The following books are recommended:—

- | | | |
|--------------|-----|---------------------------|
| James | ... | Principles of Psychology. |
| Wundt | ... | Outlines of Psychology. |
| Stout | ... | Analytic Psychology. |
| Macdougall | ... | Physiological Psychology. |
| Lloyd Morgan | ... | Comparative Psychology. |
| Kulpe | ... | Outlines of Psychology. |
| Villa | ... | Contemporary Psychology. |

(ii) Logic.

Students are allowed to take up any *one* of the following two alternative courses in Logic:—

(a) Logic as Epistemology and Inductive Logic and Methodology.

(b) Logic as Metaphysics and Dialectic.

The following books are recommended:—

(a) Logic as Epistemology and Inductive Logic and Methodology.

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|-----------|-----|------------------------|
| Lotze | ... | Logic |
| Bosanquet | ... | Logic. |
| Mill | ... | System of Logic. |
| Hobhouse | ... | Theory of Knowledge. |
| Venn | ... | Empirical Logic. |
| Jevons | ... | Principles of Science. |
| Keynes | ... | Formal Logic. |

Encyclopædia of the Philosophical Sciences. (Macmillan).

(b) Logic as Metaphysics and Dialectic.

- | | | |
|-----------|-----|---|
| Kant | ... | Critique of Pure Reason. |
| Fichte | ... | The Science of Knowledge, translated by A. E. Troeger, with a preface by W. T. Harris (Trübner & Co.) |
| Wallace | .. | "Logic of Hegel" and "Prolegomena." |
| McTaggart | ... | Studies in Hegelian Dialectic. |
| Lotze | ... | Metaphysics. |

(iii) Ethics and Social Philosophy.

The following books are recommended:—

- | | | |
|-----------------|-----|--|
| Green | ... | Prolegomena to Ethics. |
| Martineau | ... | Types of Ethical Theory. |
| Sidgwick | ... | Methods of Ethics. |
| Wundt | ... | Ethics. |
| Hurbert Spencer | ... | Principles of Ethics. |
| Kant | ... | Theory of Ethics (Abbott). |
| Sterrett | ... | Ethics of Hegel. |
| Herbert Spencer | ... | Principles of Sociology, Vols. I and II (Political Institutions only). |
| Gidding | ... | Principles of Sociology. |
| Lester Ward | ... | Dynamic Sociology, Vols. I and II.] |

(iv) *Philosophy of Religion.*

The following books are recommended :—

Lotze	...	Outlines of the Philosophy of Religion.
Hegel	...	Philosophy of Religion (Spier's and Sanderson), Part I.
Martineau	...	Study of Religion.
Pfeiderer	...	Philosophy and Development of Religion, Vol. I (Gifford Lectures).
Royce	...	The World and Individual (Both series).
Ward	...	Realm of Ends (Pluralism and Theism)
Ward	...	Agnosticism and Naturalism.

(v) *Special Branch of Indian Philosophy.*

Any one of the three following groups :—

- (1) The Nyaya Sutras of Gautama with Bhashya of Vatsyayana.
Vartika of Udyotkara and Vritti of Visvanatha.
The Bhasha-Parichcheda with Siddhanta Muktavali.
The Kusumanjali of Udayana with commentary.
- (2) The Sankhya Karika of Isvarakrishna with Sankhya Tattvakaumudi of Vachaspati Misra
The Sankhya Sutras with Sankhya Provachana Bhashya of Vijnana-bhikshu.

HISTORY.

The following are the selected periods and the following are the books (A) recommended for study and (B) named as books that may be referred to or consulted by candidates. Candidates are expected to possess a thorough acquaintance with the works marked with an asterisk :—

(A) Books recommended for study—

PAPER I.—*Selected period of English History, from 1756 to 1815, excluding the History of British India.*

*Lecky	...	History of the Eighteenth Century.
*Robertson	...	England under the Hanoverians.
*Rose	...	Revolutionary and Napoleonic Era.
Burke	...	Present Discontents; Two Speeches. on America.
Rose	...	Napoleon and Pitt.

PAPER II.—*Selected period of Indian History, from 600 B. C.—900 A. D.*

*Manu	...	Institutes (Translated by Buhler).
*Kautilya	...	Arthashastra (Translated by R. Shama Sastrj.)
Rhys Davids	...	Buddhist India.
V. A. Smith	...	Asoka.
*R. G. Bhandarkar	...	Early History of the Deccan.
*Megasthenes	...	Indica.
The Periplus of the Erythrean Sea	...	(Translated by Schoff).
*Fa Hian	...	Travels (Translated by Legge).
*Yuan-Chwan	...	Travels in India (Translated by Watters).
*V. A. Smith	...	Early History of India (Latest Edition).

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

(Students are expected to possess a general knowledge of the Ancient Geography of India.)

PAPER III.—*General History of the Ancient East.*

Breasted	...	History of Egypt.
Ditto	...	Development of religion and Thought in Ancient Egypt.
Jastro	...	Civilisation of Babylonia and Assyria.
King	...	History of Babylon.

PAPER IV.—*Constitutional History of England.*

Stubbs	...	Constitutional History of England.
Hallam	...	Ditto ditto.
Erskine May	...	Ditto * ditto.

Documents and Extracts illustrative of English Constitutional History (Calcutta).

PAPER V.—*International Law.*

Hall	...	International Law.
Wheaton	...	International Law (Ed. Phillipson).
Stowell and Munro	...	International Cases, 2 Vols.

PAPERS VI AND VII.—*History of Islam.*

*Muir	...	Caliphate.
*Zeydhan	...	Umayyadas and Abbasides.
*Khuda Buksh	...	Islamic Civilisation.
*Goldziher	...	Mohammed and Islam (Tr. Seelye) (Yale University Press).
Freeman	...	History and Conquest of the Saracens
Gibbon	...	Decline and Fall of the Roman Empire, Chapters 56-59, 64, 65, 67, 68.
Ameer Ali	...	History of the Saracens
*Elphinstone	...	History of India.
*Elliott	...	Ditto.
*Ferishta	...	History of the Rise of the Mohammedan Power (Tr. Briggs).
*Babar	...	Memorirs (Tr. Talbot).
Owen	...	India on the eve of the British Conquest
*Owen	...	Fall of the Moghul Empire.
Keene	...	Ditto ditto.
*Hitti	...	Origins of the Islamic State (Columbia University Press).
*Aghnides	...	Mohammedan Theories of Finance (Columbia University Press).
*Cambridge Mediæval History, Vol. II, Chapters 10-12.		

Special period of Indian History from 1765-1805.

*Mill's History of British India, edited by Wilson (From Chapter VII of Book IV to the end of Book VI).		
Sir Alford Lyall	...	The Rise and expansion of the British Dominion in India.
Malcolm	...	Political History of India.
Owen	...	India on the eve of the British Conquest.

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

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|---|-----|---|
| • Owen | ... | Fall of the Moghul Empire |
| Keene | ... | Ditto ditto. |
| • Grant Duff | ... | History of Mahrattas. |
| Bowring | ... | Haider Ali and Tipu Sultan (Rulers of India Series). |
| R. C. Dutt | ... | Economic History of India under Early British Rule. |
| Gholam Hossein Khan | ... | Seir Muttaqherin Sections XII, XIII and XIV. |
| • Forrest | ... | Selections from State Papers, 1772-85 (Portions relating to the Rohilla War, Warren Hastings' relation with Nandakumar, Chait Sing and the Begums of Oudh). |
| * Owen | ... | Selections from Wellesley Despatches |
| • Fifth Report of the Select Committee on the affairs of the East India Company, Bengal Presidency, including Grant's Analysis. | | |

Economic History of England and India.

- | | | |
|--|-----|--|
| • Cunnigham | ... | Growth of English Industry and Commerce. |
| • Bowley | ... | History of England's Foreign Trade in the XIXth Century. |
| Trail | ... | Social England, Vol. VI, Economic Section |
| Buxton | ... | Finance and Politics. |
| • Ashley | ... | Economic Organisation of England |
| Imperial Gazetteer of India, Vol. III (Economic) | | |
| History of Commerce in India 1765-1918. | | |

Comparative Politics.

- | | | |
|---|-----|--|
| • Kautilya | ... | Arthashastra (Trans. Shama Sastri). |
| Pramathanath Banerjea | ... | Public Administration in Ancient India. |
| * Aristotle | ... | Constitutions of Athens (Tr. Poste). |
| Zimmern | ... | Greek Commonwealth. |
| * Coulanges | ... | Ancient City (Tr. Small). |
| Warde Fowler | ... | The City State of the Greeks and Romans. |
| Maine | ... | Ancient Law. |
| * Sidgwick | ... | Growth of European Polity. |
| * Freeman | ... | Comparative Politics. |
| * Lowell | ... | Governments and Parties in Continental Europe. |
| * Allen Smith | ... | Spirit of American Government |
| * Allen | ... | Evolution of Governments and Laws |
| Ogg | ... | Government of Europe |
| Special period of European History—The French Revolution to the death of Robespierre. | | |
| • Cambridge Modern History, Vol. VIII. | | |
| • Mignet | ... | History of the French Revolution |
| • Thiers | ... | History of the Great French Revolution |
| De Tocqueville | ... | France before the Revolution |
| • Acton | ... | Lectures on the French Revolution |

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

*Carlyle	... History of the French Revolution, edited by Flecher or Rose
*Burke	... Reflections on French Revolution
*Do	... Letters on Regicide Peace
*Young	... Travels in France during the years 1787-89
*Aulard	... Political History of the French Revolution
*Wickham Legg	... Select documents of the French Revolution
Putzger	... Historical Atlas

(B) Books that may be referred to or consulted.

Paper I.

Hassal	... Balance of Power
Morse Stephens	... Revolutionary Europe.
Seely	... Life and Times of Stein
Carlyle	... Frederick the Great
Arthur Young	... Travels in France
De Tocqueville	... France before the Revolution of 1789
Mahan	... Influence of Sea Power upon the French Revolution
Napier	... History of the Peninsular War
Goldwin	... Three English Statesmen
Rose	... Napoleon

Paper III.

Petrie and Mahaffy	... History of Egypt
Ancient Records	... Egypt, translated by Breasted
Brugsch	... Egypt under the Pharaohs
L. W. King	... } Egypt and Western Asia in the light
H. R. Hall	... } of recent discoveries
John Garstang	... Burial Customs of Ancient Egypt
Maspero	... Dawn of Civilisation
Ditto	... Struggle of the Nations
Ditto	... Passing of the Empires
G. E. Smith	... Ancient Egyptians
Rogers	... History of the Assyrians and Babylonians
Perrot and Chipiez	... History of Egyptian Art

Paper IV.

Dicey	... Law of the Constitution
Do	... Law and Public Opinion in England
Hearn	... Government of England
Anson	... Law and Custom of the Constitution
Hassal and Wakeman	... Constitutional Essays
Maitland	... Constitutional History of England
Lowell	... Government of England
Stubbs	... Select Charters, ed. Davis
Prothero	... Select Statutes and Constitutional Documents
Gardiner	... Constitutional Documents of the Puritan Revolution

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Paper V.

Oppenheim	... Treatise on International Law
Higgins	... Hague Peace Conference
Woolsey	... Introduction to International Law
Maine	... Lectures on International Law
Scott	... Cases on International Law
Westlake	... International Law (Two parts).

Papers VI and VII.

History of Islam.

Al Suyuti	... History of the Caliphs (Tr. Jarrett)
Price	... Mohammedan History from Persian Authorities
Malcolm	... History of Persia
Creasy	... Ottoman Turks
Freeman	... Ottoman Power in Europe
Bayley	... Guzerat
Tabakat-i-Nasiri, translated by Raverty.	
Muntakhab-ul-Tawarikh, translated by Ranking.	
Ain-i-Akbari, translated by Blochman and Jarrett.	
Akbar Nama, translated by Beveridge.	
Jadunath Sarkar	... India under Aurangzeb
Memoirs of Jehangir, edited and translated by Rogers and Beveridge	
(Oriental Translation Fund Series)	
J. N. Dass Gupta	... India in the Seventeenth Century (University Readership Lectures)
Bury	... Later Roman Empire
Finlay	... History of Greece, Vols. I—III
Hurgronje	... Mohammedism
Degoeje	... Caliphate (Ed. Brit.)
Weil	... Islamic Peoples, translated by Khoda Buksh
Muir	... Life of Mohammed
Ameer Ali	... Spirit of Islam
Renan	... Studies in Religious History (Islam)
Dozy	... Spanish Islam
Lane Poole	... History of Egypt (Middle Ages)
Ditto	... Moors in Spain
Haines	... Islam and Christianity in Spain
Ferrier	... History of the Afghans
Count Von Noel	... Life of Akbar, translated by Beveridge
Osborn	... Islam under the Arabs
Ditto	... Islam under the Khalifs of Baghdad

Economic History of England and India.

Macpherson	... Annals of Commerce
Rogers	... Six Centuries of Work and Wages
Ditto	... Industrial and Commercial History of England
Ditto	... Economic Interpretation of History
James Bonar	... Philosophy and Political Economy
Dowell	... History of Taxation and Taxes in England
Macpherson	... History of European Commerce with India
Macdonnell	... Report on the Food-grain supply in Bengal and Bihar, 1873-74

Ranade	...	Essays on Indian Economics
Dutt	...	India in the Victorian Age
Morrison	...	Industrial Organisation of an Indian Province
Lipson	..	Economic History of England (the Middle Ages)

Report of the Famine Commission, 1898.

Comparative Politics.

Greenidge	...	Greek Constitution History
Ditto	...	Roman Public Life
Jenks	...	Law and Politics in the Middle Ages
Freeman	...	History of Federal Governments.
Do.	...	Greater Britain and Greater Greece.
Guizot	...	History of Civilization.
Bryce	...	Holy Roman Empire
Do.	...	Studies in History and Jurisprudence.
Do.	...	American Commonwealth
Lecky	...	Democracy and Liberty
Hammond	...	Comparative Politics
Maine	...	Popular Government.
Temperly	...	Second Chambers.
The Federalist	...	

History of the French Revolution.

Michelet	...	Historical View of the French Revolution.
Smyth	..	Lectures on the French Revolution.
Von Sybel	..	History of Europe during the French Revolution.
De Tocqueville	..	French Revolution.
Taine	..	Ditto.
O'Connor Morris	..	Ditto.
Morse Stephens	...	History of French Revolution.
Ditto.	...	Principal speeches of Statesmen and Orators of French Revolution.
Madelin	...	French Revolution in National History of France.
Mahan	...	Influence of Sea Power on French Revolution.
Rose	...	Pitt and Napoleon.
Clapham	...	Causes of the War of 1792.
Mortimer Ternaux	...	History of the Terror.
Morley	...	Critical Miscellanies, Vol. I, (Robespierre).
Do.	...	Rousseau.
Willert	...	Mirabeau.

ANCIENT INDIAN HISTORY AND CULTURE.

Compulsory Papers.

(1) *General History of Vedic and Epic India.*

*Weber	...	History of Indian Literature (page 1—195).
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*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- *MacDonell ... History of Sanskrit Literature (Chaps. I—X).
 *Hopkin ... The Great Epic of India.
 *D. R. Bhandarkar ... Carmichael Lectures, First Series (1918).
 *Muir ... Sanskrit Texts, Vol V.
 Kaegi ... Rigveda.
 Zimmer ... Altindisches Leben, Book I, Ch. 4, and Book II, Ch. 1.

(2.3) *Political History of the post-Epic Period.*

- *V. A. Smith ... Early History of India.
 *Bombay Gazetteer, Vol. I, ... Ancient India.
 Krishnaswami Aiyangar ... Dynasties of the Kali Age.
 *Pargiter ...
 *Inscriptions relating to Pal and Sen Dynasties.
 *D. R. Bhandarkar ... Carmichael Lectures, First Series (1918).
 *Stein ... Rajatarangini (Introduction only)

(4) *Historical Geography of Ancient India*

- *Cunningham ... Ancient Geography of India.
 *Periplus of the Erythraean Sea. ... Geography of India.
 *Ptolemy ... Yuan Chwang.
 *Watters ... Topographical List of Brihatsamhita (Indian Antiquary, 1893, pp. 169—195).
 Fleet ...
 Vivien de St. Martin ... Etude sur la geographie et les populations primitive du nord-ouest de L'Inde d'apres les Hymnes Vedicque.
 Pargiter ... Translation of Markandeya Purana (Bhuvanakosa only).
 Foucher ... Notes on the Geography of Gandhara.

*Reports of the Archaeological Survey of India about Taksasila, Isipatana, Vaisali, Sravasti, Rajagriha and Kusinara.

Optional Papers.

I. ARCHÆOLOGY.

(1) *Epigraphy.*

- *Inscriptions of Asoka.
 *Inscriptions of Kharavela and Satavahana Kings.
 *Inscriptions of the Kshatrapa families
 *Inscriptions of the Imperial Gupta Dynasty.

(2) *Fine Arts and Iconography.*

- *V. A. Smith ... History of Fine Arts in India and Ceylone
 *Havell ... Indian Sculpture and Painting.
 *Gopinath Rao ... Elements of Hindu Iconography.
 *Grunwedel ... Buddhist Art.

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

(3) *Numismatics.*

- Smith ... Catalogue of the Coins in the Indian Museum. (Up to the end of the Gupta period).
 *Rapson ... Catalogue of Coins: Andhras, western Ksatrapas, etc.
 *Allan ... Catalogue of Coins: Gupta Dynasties.
 *Whithead ... Catalogue of the Coins of the Punjab Museum. Lahore, Vol. I.

(4) *Ancient Architecture.*

- *Ferguson ... History of India and Eastern Architecture, Vols. I—II.
 *Havell ... Ancient and Mediæval Architecture of India.

II. SOCIAL AND CONSTITUTIONAL HISTORY.

(1—3) *Social and Economic Life and Administration.*

- *Zimmer ... Altindisches Lebens.
 Rhys Davids ... Buddhist India.
 *Hillebrandt ... Ritual literature, Chaps. I-II (Grundriss)
 *Fick ... Die Sociale Gliederung in Nordöstlichen Indien.
 Mrs. Rhys Davids ... Notes on Early Economic Conditions in Northern India (Jour. R. As. Soc., London, 1901, pp. 859—888)
 Economic Journal for 1901.
 *Kautilya ... Artha-Sastra.
 *Mahabharata-Santiparvam—Sections 56—157.
 Banerjea (P. N.) ... Public Administration in Ancient India.
 *Manu ... Institutes (trans. Bühler)
 *Gautama, Baudhyana, Apastamba and Vasistha Dharma Sutras. (Sacred Books of the East Series).
 *Alberuni ... India (omitting the mathematical details), trans. Sachau.
 *Periplus of the Erythrean sea.
 Rawlinson ... India and the Western World.
 *D. R. Bhandarkar ... Carmichael Lectures, First Series (1918).

(4) *Ethnology.*

- *Keane ... Ethnology.
 *Biane ... Ethnography (from the Grundriss)
 *Risley ... Caste, Tribe and Race (in the Report on the Census of India for 1901):
 Peoples of India.
 *Do. ... Castes in India (Indian Antiquary, 1912, pp. 101—114 and pp. 129—139).
 *Senart ... Foreign Elements in the Hindu Population (Indian Antiquary, 1911, pp. 7—37).
 *D. R. Bhandarkar ... Foreign Elements in the Hindu Population (Indian Antiquary, 1911, pp. 7—37).

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- Ramaprosad Chanda ... The Indo-Aryan Races.
 *Risley ... Manual of Anthropometry.
 Craniological Data from the Indian Museum, Calcutta.

III. RELIGIOUS HISTORY.

General

- *Hopkin ... Religions of India (Handbook on the History of Religions Series).
 *Barth ... Les Religions de L'Inde et Bulletins des religions de L'Inde, Vols. I and II.

(1) *Vedic Religion.*

- *Bloomfield ... Religion of Veda.
 *MacDonell ... Vedic Mythology.
 *Hillebrandt ... Ritnalliteratur, Chaps. I, III and IV.

(2) *Epic and Pauranic Religions.*

- R. G. Bhandarkar ... Vaishnavism, Saivism and Minor Religious Systems (omitting XIX-XXV of Part I).

(3) *Buddhism.*

- *Rhys Davids ... American Lectures.
 *Mrs Rhys Davids ... Buddhism
 *Kern ... Manual of Indian Buddhism.
 *Spence Hardy ... Manual of Buddhism.
 *Oldenberg ... Buddha.
 *Itsing ... Records of the Buddhist Religion (Takakusu)
 *Fa Hian ... Travels (Legge)
 *Warren ... Buddhism in Translations
 *Hoernle ... Manuscript remains of Buddhist Literature found in Eastern Turkestan, Vol. I (the translations and notes only)

(4) *Jainism.*

- *Jacobi ... Introduction and Translation of the Jaina Sutras. Parts I & II (Sacred Books of the East, Vols XXII & XLV)
 *R. G. Bhandarkar ... Report on the Search of Sanskrit Manuscript in the Bombay Presidency during the year 1883-4, pp. 91-157
 *Buhler ... On the Indian Sect of the Jains (translated and edited with an outline of Jaina Mythology by Burgess)
 *Vijayanandasuri ... Sri-Jainatattvadarsa

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

(I) MATHEMATICS

Z. D. M. G., Vols. 55 & 56

(4) ASTRONOMY

History of Astronomy, with special reference to Jyotisa-Vedanga, Jaina Astronomy, the (modern) Suryya-siddhanta, and to the works of Aryyabhatta I, Varaha Mihira, Brahmagupta, Aryyabhatta II, Munjala, and Bhaskaracharyya

The following books are recommended. —

Jyotisa Vedanga	... By "Varhaspatya" (Lala Chhote Lal)
Yajusa Jyotisam	... By Pd. Sudhakara Dvivedi
*Thibaut	... Contributions to the Study of the Jyotisa- Vedanga J. A. S. B., 1877
Do.	... On the Suryya-prajnapti, J. A. S. B., 1880
*Arryabhattyam	... Edited by Dr. Kern,
*Pancha-siddhantika	... Translated by Dr. Thibaut and Pd. Sudhakara Dvivedi
*Kern	... Preface to the Brihat-Samhita of Varaha Mihira (Collected Works, Vol. 4)
Brahma-sphuta-siddhanta	... Edited by Pd. Sadhakara Dvivedi
Maharyya-siddhanta	
Munjala	... Laghumanasa
Satananda	... Bhaswati
*Bhaskara	... Siddhanta Siromani, edited by Pd. Bapudev Shastri
Do.	... By Pd. Bapudev Shastri and Wilkinson
Sudhakara Dvivedi	... Ganaka-tarangini
Yogeshchandra Ray	... Amader Jyotish O Jyotisi
Siddhanta-sekhara of Jagannath of the Court of Jaysimha	
*Bentley, J.	... Hindu Astronomy
Bailey, J. F.	... Histoire de l'astronomie ancienne depuis son origine jusqu'a l'establishment be l'ecole d'Alexandria (1871)
Playfair	... (1) On the Astronomy of the Brahmans (2) On the Trigonometry of the Brahmans. Collected Works, Vol. III
*Brennand	... Hindu Astronomy
Whitney	... Oriental and Linguistic Studies (Series II, 1875): The twelfth Essay
* Do.	... The Lunar Zodiac, on the views of Biot and Weber respecting the relations of the Hindu and Chinese systems of asterisms; with an addition on Müller's views, etc.
Max Muller	... On Ancient Hindu Astronomy and Chronology (Preface to Rig Veda, Vol. 4)
*Thibaut	... Grundriss der Indo-arischen Philologie, Vol. III, No. 9 Articles in the "Indian Thought" on the History of Indian Astronomy
Bhau Daji	... Literary Remains
Tilak	... The Orion
Do.	... The Arctic Home of the Vedas

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Jones	...	Articles on Indian Astronomy, Collected Works, Vol. I
Davis, S.	...	On Hindu Astronomy, As, Res., Vol. II
Montucla	...	Histoire des Mathematiques, Vol. I, Part I, Book 3
Delambre	...	Histoire de Astronomie, Vol. I
Marie	...	Historie des Sciences Mathematiques et physiques, Vol. II. (The Articles on Aryabhatta, Brahmagupta, Bhaskara)
Cantor	...	Geschichte der Mathematik

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY

PAPERS I AND II

General Economics

*A. Marshall	...	Principles of Economics
*Taussig	...	Principles of Political Economy
Whithers	...	Money Changing
*Bastable	...	International Trade
Pigou	...	Wealth and Welfare
Todd	...	Mechanism of Exchange
Bortholomew and Lyde	...	Atlas of Economic Geography (for reference)

PAPER III

General Principles of Political Philosophy.

*Sidgwick	...	Principles of Politics
J. S. Mill	...	Liberty
*J. S. Mill	...	Representative Government
*Green	...	Lectures on Political Obligations
*Willoughby	...	Nature of the State
Hobhouse	...	Social Evolution and Political Theory

PAPER IV

Public Administrations

*Lowell	...	Government of England
*Dicey	...	Law of the Constitution
*Bastable	...	Public Finance
*Keith	...	Responsible Government in the Dominions
Egerton	...	Rise and Growth of British Colonies
P. Mookerjee	...	Indian Constitutional Documents
Aiyyangar	...	Indian Constitution

Imperial Gazetteer of India—Vol. IV (Administrative)

Fifth Report of the Select Committee of the House of Commons, 1812
(Extracts and Documents published by the Calcutta University and Introduction to "Early Revenue History of Bengal," by Ascoli)

Fifth Decennial Report on Moral and Material Progress, 1913

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

GROUP A

PAPER V

General History of Economics

*Haney	... History of Economic Thought
Gide and Rist	... A History of Economic Doctrines
Meredith	... Economic History of England (from the Industrial Revolution)
Cunningham	... Progress of Capitalism in England
Lucas	... Beginnings of English Overseas Enterprise
*Malthus	... Population (Selections, Economic Classic Series, Macmillan & Co.)
*Ricardo	... Political Economy (Selections, Economic Classic Series, Macmillan & Co.)
*Mun	... England's Treasure by Foreign Trade (Economic Classic Series, Macmillan & Co.)

PAPERS VI AND VII

(i) The History, Theory and Present System of Banking and Currency

*Conant	... Principles of Money and Banking
Pierson	... Principles of Economics, Vol. I Part II (Money)
*Fisher	... Purchasing Power of Money
*Dunbar	... History and Theory of Banking
Burton	... Commercial Crises
*Whithers	... Stocks and Shares
Andreades	... History of the Bank of England
Layton	... Introduction to Study of Prices

Marshall's Evidence, Gold and Silver Commission, 1888

Report of the Royal Commission on Indian Currency and Finance, 1914

(ii) History, Theory and Present Organization of International Trade

Chapters bearing on the subject in	Richardson, J. S. Mill and Cairnes
List	... National System of Political Economy Book II
*Pigou	... Protective and Preferential Import Duties
Giffen	... The Use of Import and Export Statistics (Essay IX in Vol. I of Economic Inquiries and Studies)
Goschen	... Foreign Exchanges
P. Ashley	... Modern Tariff History
Taussig	... Tariff History of the United States
Bowley	... England's Foreign Trade in the XIXth Century
*Brown	... International Trade and Exchange
*Tausig	... Aspects of the Tariff Question
Clare	... A. B. C. of Foreign Exchange
Marshall	... White Paper on Tariff Policy

*Candidates are expected to possess a thorough acquaintance with books marked with an asterisk.

Views of the Government of India on the Question of Preferential Tariff's
1904, Cd. 1931.

Review of the Trade of India (latest issue)

(iii) *The Theory and Practice of Statistics, including Demography*

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|---------------|--|
| *A. L. Bowley | ... Elements of Statistics |
| *Giffen | ... Economic Inquiries and Studies, 2 Vols |
| Giffen | ... Statistics |
| Bowley | ... Measurement of Social Phenomena |
| Mayo Smith | ... Statistics and Economics |
| *Yule | ... Introduction to Statistics |

The Jubilee Volume of the Royal Statistical Society.

British and Foreign Trade and Industries, being Memoranda, etc., prepared by the Board of Trade (commonly called the Fiscal Blue Books). Imperial Gazetteer, Vol. I, Chapters IX and X.

Moral and Material Progress of India—Decennial Edition, 1913.

(iv) *Mathematical Economics.*

- | | |
|--------------|--|
| *Cunninghame | ... Geometrical Political Economy |
| *Cournot | ... Mathematical Principles of the
Theory of Wealth (Economic
Classic Series, Macmillan & Co.) |
| *Jevons | ... Theory of Political Economy |
| Marshall | ... Principles of Economics (Mathe-
matical Appendices) |
| *Pantaleoni | ... Pure Economics |
| Edgeworth | ... Mathematical Psychics |
| Wicksteed | ... Alphabet of Economic Science |
| *Wicksteed | ... Common Sense of Political Economy |
- Articles by Flux, Seager, Chapman, Pigou and Edgeworth in the Economic Journal (bearing on Mathematical Economics).
- | | |
|-------|------------------------|
| Pigou | ... Wealth and Welfare |
|-------|------------------------|

(v) *Elements of Statistics and the Mathematical treatment of Economic Theory.*

- | | |
|--------------|--|
| Giffen | ... Statistics |
| Mayo Smith | ... Statistics and Economics |
| *Yule | ... Introduction to Statistics |
| *Cunninghame | ... Geometrical Political Economy |
| *Cournot | ... Mathematical Principles of the
Theory of Wealth (Economic
Classic Series, Macmillan & Co.) |
| *Pantaleoni | ... Pure Economics |
| *Wicksteed | ... Common Sense of Political Economy |

GROUP B.

Paper V—General History of Political Philosophy.

Theories of the State contained in—

- | | |
|------------|-----------------------------------|
| *Aristotle | ... Politics |
| *Hobbes | ... Leviathan |
| *Locke | ... Second Treatise on Government |
| *Rousseau | ... Social Contract |

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- | | | |
|------------|-----|--|
| *Cant | ... | Principles of Politics (Hasties' translation of the four Essays on Political Theory) |
| *Bentham | ... | Fragment on Government |
| *Bosanquet | ... | Philosophical Theory of State |
| *Dnnning | ... | History of Political Theories—
(a) Ancient and Mediaeval.
(b) From Luther to Montesquieu |

Papers VI and VII.

Comparative Study of Political Institutions.

- | | | |
|-----------------------|-----|---|
| *Kautilya | ... | Arthasastra (Trans. Shama Sastri) |
| Pramathanath Banerjea | ... | Public Administration in Ancient India |
| *Aristotle | ... | Constitution of Athens (Tr. Poste) |
| *Zimmern | ... | Greek Commonwealth |
| *Coulanges | ... | Ancient City (Tr. Small) |
| *Warde Fowler | ... | The City State of the Greeks and Romans |
| *Maine | ... | Ancient Law |
| *Sidgwick | ... | Growth of European Polity |
| *Freeman | ... | Comparative Politics |
| *Lowell | ... | Governments and Parties in Continental Europe |
| *Allen Smith | ... | Spirit of American Government |
| *Allen | ... | Evolution of Government and Laws |
| Ogg | ... | Governments of Europe |
| Sidney Low | ... | Governance of England |

Comparative Study of Social Institutions.

- | | | |
|--------------|-----|---|
| Comte | ... | Positive Philosophy (Tr. Miss Martineau, Book VI) |
| Lester Ward | ... | Dynamic Sociology, Vols. I-II |
| *Giddings | ... | Principles of Sociology |
| Mayo Smith | ... | Sociology, Vol. II |
| *Tylor | ... | Primitive Culture |
| Fraser | ... | Totemism and Exogamy, Vol. II. |
| Lecky | ... | History of Morals in Europe |
| *Mackenzie | ... | Introduction to Social Philosophy |
| C. D. Wright | ... | Elements of Practical Sociology |
| Risley | ... | Peoples of India |
| Gait | ... | Census Report for India, 1911 |
| Harold Mann | ... | Deccan Village |

International Law with reference to existing Political and Economic Institution,

- | | | |
|--------------------|-----|--|
| *Hall | ... | International Law |
| *Westlake | ... | International Law (Peace and War)
2 Vols. |
| *Higgins | ... | Hague Peace Conferences |
| *Wheaton | ... | International Law edited by Philipson |
| *Pitt Cobbett | ... | Cases on International Law, 2 Vols. |
| *Stowell and Monro | ... | International Cases, 2 Vols. |

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Paper VIII Essays.

GROUPS A AND B.

Candidates will be required to write an essay on some topic connected with one of the following subjects; the essay must treat the topic chosen by the candidate with a special reference to Indian conditions:—

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|-----------------|-----------------------------|
| 1. Famines | 4. Industrial Organisation. |
| 2. Co-operation | 5. Currency Problems |
| 3. Railways | 6. Land System |

M.A. AND M.Sc. EXAMINATIONS, 1920.

PURE MATHEMATICS.

Note—It is to be understood that, in the following list of books, wherever a book is recommended for a subject, students are expected to read those parts of the book only which deal with that particular subject.

1. Higher Algebra—

Chrystal	... Algebra, Part II, Chapters 23-28 32-34
C. Smith	... A Treatise on Algebra

2. Higher Plane Trigonometry—

Hobson	... Plane Trigonometry
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3. Spherical Trigonometry—

Casey	... Spherical Trigonometry
Todhunter	... Spherical Trigonometry (Ed. Leathem)

4. Theory of Equations and Algebra of Quantics—

Burnside and Panton	... Theory of Equations
Glenn	... Theory of Invariants, (Ginn & Co.)
Elliott	... Introduction to the Algebra of Quantics

5. Plane Analytical Geometry, including Higher Plane Curves—

Salmon	... Conic Sections
Ditto	... Higher Plane Curves
Basset	... Treatise on Cubics and Quartics

6. Geometry of Surfaces—

Salmon	Geometry of Three Dimensions, 5th Ed., Vol. I, Chapters I-X
Bell	... Analytical Geometry of Three Dimensions
Forsyth	... Differential Geometry, Chapters I-V

7. Differential Calculus—

Edwards	... Differential Calculus
Williamson	... Ditto
Goursat	... Mathematical Analysis, Vol. I (Trans Hedricks), (Ginn & Co.)

8. Integral Calculus—

Williamson	... Integral Calculus
Todhunter	... Ditto
Goursat	... Mathematical Analysis, Vol. I (Trans Hedricks), (Ginn & Co.)

9. Differential Equations—

Forsyth ... Differential Equations

10. Calculus of variations—

Bolza ... Calculus of Variations, Chapters I-III

11. (a) Theory of Functions—

Either of the following alternative courses:—

A.

MacRobert ... Functions of a Complex Variable
(Macmillan & Co.)Townsend ... Functions of a Complex Variable
(Henry Holt & Co.)

B.

Hobson ... Theory of Functions of a Real
Variable, omitting Chapter II

(b) Theory of Groups—

Miller, Blichfeldt and Dickson ... Finite Groups (John Wiley & Sons)

Burnside ... Theory of Groups

Klein ... Lectures on Icosahedron (Tr.
Mörrice), Part I only.

(c) Finite Differences and Calculus of Functions—

Boole ... Finite Differences

Burn and Bron ... Ditto

Carmichael ... Calculus of Operations

Herschel ... Examples of Calculus of Finite
Differences

Babbage ... Examples of Functional Equations

De Morgan ... Calculus of Functions

(d) Vector Analysis and Quaternions—

Joly ... Quaternions

Hamilton ... Elements of Quaternions, Ed. Joly
Vol. I, Books I—II

(e) Projective Geometry—

Either of the following alternative courses:—

A.

Mathews ... Projective Geometry

Durell ... Plane Geometry for Advanced
Students, Vol. II

Gremona ... Projective Geometry

Hilbert ... Foundations of Geometry (Trans.
Townsend) (Open Court Publish-
ing Co.)

B.

Lobachevsk ... Theory of Parallels (Trans. (Halsted),
(Open Court Publishing Co.))Bolyai ... Science Absolute of Space (Trans.
Halsted), (Open Court Publishing
Co.)Bonola ... Non-Euclidean Geometry (Trans.
Carslaw), (Open Court Publishing
Co.)Carslaw ... Non-Euclidean Geometry and Trigo-
nometry

Sommerville	... Non-Euclidean Geometry
Manning	... Geometry of Four Dimensions
(f) Theory of Numbers—	
Reid	... Theory of Algebraic Numbers
Mathews	... Theory of Numbers
Smith	... Reports on the Theory of Numbers (Collected Papers, Vol. I, pp. 38-364)
Dedekind	... Essays on the Theory of Numbers (Trans. Beman), (Open Court Publishing Co.)

● MIXED MATHEMATICS.

- Advanced Statics, including Theory of Potential—
Minchin ... Statics.
Routh ... Do.
- Dynamics of a Particle—
Besant ... Dynamics.
Routh ... Dynamics of a Particle.
- Rigid Dynamics—
Routh ... Elementary Rigid Dynamics.
- Hydrostatics, including Capillarity—
Besant and Ramsey ... Hydromechanics, Part I (Hydrostatics).
- Hydrodynamics—
Houstoun ... Mathematical Physics, Chapter II
Besant and Ramsey ... Hydromechanics, Part II.
Lamb ... Hydrodynamics.
- Spherical Astronomy—
Ball ... Spherical Astronomy.
- (a) Theory of Elasticity—
Love ... Theory of Elasticity, 2nd edition

Candidates are also recommended to refer to—

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|------------------------|--------------------------------------|
| Todhunter and Pearson | ... History of Theory of Elasticity. |
| (b) Advanced Dynamics— | |
| Whittaker | ... Analytical Dynamics. |
| A. C. Webster | ... Dynamics. |
| Routh | ... Advanced Rigid Dynamics. |
| Hertz | ... Principles of Mechanics. |

(c) Higher Parts of Spherical Astronomy—

- | | |
|-----------|--------------------------|
| Chauvenet | ... Spherical Astronomy. |
| Newcomb | ... Spherical Astronomy |

(d) Lunar and Planetary Theories—

- | | |
|---------|--|
| Adams | ... Lectures on Lunar Theory. |
| Darwin | ... Lectures on Lunar Theory (Scientific
Papers, Vol V.). |
| Airy | ... Mathematical Tracts. |
| Brown | ... Lunar Theory. |
| Cheyne | ... Planetary Theory. |
| Moulton | ... Celestial Mechanics. |

(e) Figure of the Planets—

- | | |
|------------------|---|
| Todhunter | ... History of the Theory of Attraction
and the Figure of the Earth. |
| Thomson and Tait | ... Natural Philosophy. |

Airy	...	Mathematical tracts.
Airy	...	Figure of the Earth. (Enc. Metr.)
Clark and Radau	...	Figure of the Earth. (Enc. Britt.)
Pratt	...	Figure of the Earth.

(f) Theory of Tides—

Basset	...	Hydrodynamics	[(Murray)]
Darwin	...	Tides and Kindred Phenomena.	
Darwin	...	Tides. (Enc. Britt.)	
Darwin	...	Scientific Papers.	
Airy	...	Tides and Waves. (Enc. Metr.)	
Love	...	Geodynamics.	

PHYSICS.

No text-books are prescribed or recommended. The students are required to consult their Professors as to a suitable course of reading which should include the study of original Papers.

CHEMISTRY.

(In addition to the books recommended for the B.A. and B.Sc. Pass and Honours Courses).

(a) Physical Chemistry.

Ostwald Walker	...	Physico-Chemical Measurements.
Nernst (trans. by Leffeldt)	...	Theoretical Chemistry, (4th edition).
Mellor	...	Chemical Dynamics and Reactions.
Findlay	...	The Phase Rule.
Leffeldt	...	Electro-Chemistry.
Vant' Hoft	...	Lectures on Theoretical and Physical Chemistry.
Jeans	...	Dynamical Theory of Gases.
Travers	...	Study of Gases.
Rutherford	...	Radio-Activity.
Thomson	...	Thermo-Chemistry.
Ostwald	...	Principles of Chemistry.
E. C. Baly	...	Spectroscopy.
S. Young	...	Stoichiometry.

(b) Inorganic Chemistry.

Bijtz	...	Inorganic Preparations.
Myer	...	History of Chemistry.
Fresenius	...	Qualitative Analysis and Quantitative Analysis.
Sutton	...	Volumetric Analysis.
Hempell	...	Gas Analysis.
Treadwell and Hall	...	Analytical Chemistry, Vols. I and II
Roscoe and Scholemmer	...	Treatise and Chemistry, Vols. I and II
F. M. Perkin	...	Practical Methods in Inorganic Chemistry.
Werner	...	New Ideas in Inorganic Chemistry.

(c) Organic Chemistry.

Emil Fischer	...	Organic Preparations.
Richer	...	Organische Chemie (9th edition).
Gatterman	...	Practical Organic Chemistry.

J. B. Cohen	...	...	Advanced Organic Chemistry.
Sudborough	...	...	Practical Organic Chemistry.
J. N. Rakshit	...	...	Identification of Carbon Compound.

Candidates for the M.A. or M.Sc. Examination are required to consult original papers in the Chemical Society's Journals and other scientific periodicals, and also to consult the Annual Reports issued by the Chemical Society on the "Progress of Chemistry" in connection with the special subject taken up by them.

GEOLOGY.

No text-books are prescribed or recommended. The subject is to be studied in accordance with the Syllabus prescribed in the Regulations.

BOTANY.

No text-books are prescribed. The subject is to be read in accordance with the prescribed Syllabus.

ZOOLOGY AND COMPARATIVE ANATOMY.

No text-books are prescribed. The subject is to be studied in accordance with the prescribed Syllabus.

PHYSIOLOGY.

(No text-books are prescribed).

In Section 7, Chapter XXXVII. of the Regulations, in first paragraph of the Syllabus in Physiology, for the M.Sc. Examination the expression "a particular branch" is interpreted to mean one of the following branches:—

1. Circulation and Respiration.
2. Alimentation and Metabolism.
3. Physiology of the Nervous System and the Organs of Sense.
4. Nerve and Muscle Physiology.
5. Histology and Reproduction.

The four theoretical papers in Physiology be distributed so as to cover the following subjects —

Paper I. Circulation, Respiration, Alimentation, Metabolism and Reproduction (compulsory to all candidates)

Paper II. Nervous System and Muscular System. (Candidates offering a piece of research work falling under the head of "Organs of Sense" will be exempted from this paper).

Paper III. Organs of Sense, (Candidates offering a piece of research work falling under any of the following heads—Circulation, Respiration, Alimentation Metabolism, Reproduction, Nervous System, Muscular System and Histology will be exempted from this paper).

Paper IV. The branch of Physiology professed by the candidate for special study.

The Practical Examination will include—

Paper I.—Experimental Physiology. (Candidates offering research work falling under the head of Histology or Chemical Physiology will be exempted from this paper).

Paper II.—Histology (Candidates offering research work falling under the head of Chemical Physiology will be exempted from this paper).

Paper III.—Chemical Physiology.

Paper IV.—Candidate's special subject.

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

EXPERIMENTAL PSYCHOLOGY.

PAPER I.

Physiological Psychology.

Preparatory reading—

McDougall	... Physiological Psychology (Home University Library)—Nerves
*Lickley	... The Nervous System
*Greenwood	... Physiology of the Special Senses (Selections)
Wundt	... Physiological Psychology (Selections)
Ziehen	... Physiological Psychology
*Titchener	... Text Book of Psychology
*Myers	... Text Book of Experimental Psychology
*Kulpe	... Outlines of Psychology
Wundt	... Outlines of Psychology
James	... Principles (Selections)
Stout	... Analytic Psychology (Selections)
Ladd and Woodworth	... Elements of Physiological Psychology (Selections)

PAPER II.

Abnormal Psychology.

Preparatory reading—

Hart	... Psychology of Insanity
*Stoddart	... The New Psychiatry
*Freud	... On Dreams
*Mercier	... Text Book of Insanity
*Binet	... Alternation of Personality
*Sidis	... Psychology of Suggestion
Sidis and Goodhart	... Multiple Personality
Prince	... Dissociation of Personality
Bruce	... Clinical Psychiatry
Prince	... The Unconscious

PAPER III.

Animal Psychology.

*Holmes	... Evolution of Animal Intelligence
*Lloyd Morgan	... Comparative Psychology
*Washburn	... Animal Mind
*Thorndike	... Animal Intelligence (Selections)
*Loeb	... Comparative Anatomy of the Brain and Comparative Psychology (Selections)
Romanes	... Animal Intelligence
Cambridge Manuals	... Life Story of the Insect
Fabre	... Insect Life

PAPER IV.

Child Psychology.

Preparatory reading—

Heredity (People's Book).	...
*Kirkpatrick	... Fundamentals of Child Study
*Preyer	... Mind of the Child, 2 vols

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

*Shuttleworth and Potts	... Feeble-mindedness
*Pyle	... Educational Psychology
*Rousseau	... Emile
*Spencer	... Education
*Froebel	... The Child
*Froebel	... The Man
*Montessori	... Handbook
Thorndike	... Educational Psychology
Tracy	... Psychology of Childhood.
Practical work—	
Myers	... Text-book of Experimental Psychology Vol. II
Titchener	... Student's Manual—Qualitative
Sanford	... Experimental Psychology
Whipples	... Physical and Mental tests

M.A. EXAMINATION, 1921.

ENGLISH.

COMMON PAPERS FOR GROUPS A AND B.

Paper I.—General History of English Literature

(No text-books.)

Paper II.—Drama.

Shakespeare	... King Lear.
Aristophanes	... Clouds. Tr. Rogers. (George Bell and Sons.)
Calderon	... Such Stuff As Dreams Are Made Of. Tr. Fitzgerald (Macmillan, Eversley Series).

Paper III—Poetry

Virgil	... Aeneid. Tr. Dryden, Books I and VI
Milton	... Paradise Regained.
Swinburne	... Atalanta in Calydon.

Paper IV—Prose

Plato	... Trial and Death of Socrates (G. T. S. Macmillan)
Gibbon	... Decline and Fall of the Roman Empire. Chapters I—III.
Matthew Arnold	... Culture and Anarchy

GROUP B.

Paper V.—Chaucer and Outlines of Historical English Grammar

(a) Text—

Chaucer	... The Prologue to the Canterbury Tales: Legend of Good Women (including its prologue).
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(b) Books recommended for study—

Morris	... Historical English Accidence Chapters I—IX.
Emerson	... History of the English Language.
Kellner	... Historical English Syntax.

Paper VI—Selected period of Poetry.

Early Nineteenth Century Poetry (1798-1832).

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

The undermentioned authors are recommended for special study in their chief works as specified below ; but candidates will not be expected to show a detailed knowledge of the texts named :—

- Wordsworth ... Prelude, Books I, XII, XIII ; Excursion, Book I ;
Selections by Matthew Arnold (Golden Treasury Series).
Coleridge ... Selections by Stopford A. Brooke (Golden Book of Coleridge).
Byron ... Vision of Judgment, Selections by Matthew Arnold (Golden Treasury Series).
Shelly ... Prometheus Unbound ; Selections by Stopford A. Brooke (Golden Treasury Series).
Keats ... Hyperion ; Eve of St. Agnes ; Lamia.
Golden Treasury of Songs and Lyrics, edited by Palgrave, Book IV.
Selections from English Poets, edited by Ward, Volume IV.

Paper VII.—Selected Period of Prose.

Early Nineteenth Century Prose (1798-1832).

The undermentioned authors are recommended for special study in their chief works as specified below ; but candidates will not be expected to show a detailed knowledge of the texts named :—

- Wordsworth ... Prefaces and Appendices (Oxford Edition).
Scott ... Talisman, Old Mortality ; Kenilworth.
Coleridge ... Biographia Literaria, omitting Chapters 5-9 and 12.
Lamb ... Essays of Elia.
Landor ... Selections by Sidney Colvin (Golden Treasury Series).
Jane Austen ... Pride and Prejudice
Hazlitt ... English Literature, edited by Zeitlin (Oxford University Press).
De Quincey ... Selections by Bennett
Shelley ... Defence of Poetry.

Paper VIII.—Essay or Essays on Subjects connected with the Course.

GROUP B.

Paper V.—English Language and Literature prior to 1100 A. D.

- Sweet ... Anglo-Saxon Reader, Part I, pages 1-174.

Paper VI.—English Language and Literature from 1100 A.D. to 1500 A.D. (including Chaucer).

- Chaucer ... Canterbury Tales—Prologue ; Knight's Tale ; Clerk's Tale ; Monk's Tale ; Nonne Priest's Tale ; Squire's Tale ; Book of the Duchesse ; Parliament of Fowls.
Morris and Skeat ... Specimens of Early English ; Part I—The Owl and the Nightingale, Ancren Riwle, Havelok the Dane
Part II—Langland Barbour.

- Skeat ... Specimens of English Literature—Chevy Chase. The Nut Brown Maid. The Miror for Magistrates.

The unseen passages set in this Paper will be restricted to portions of Chaucer and Langland not included in the set texts.

Paper VII.—Historical English Grammar including the Elements of Teutonic Philology.

Books recommended for study—

Wyatt	... Old English Grammar.
Morris	... Historical English Accidence.
Kellner	... Historical English Syntax.
Skeat	... Principles of English Etymology, 1st and 2nd Series.

Paper VIII.—Essay or Essays on Subjects connected with the Course.

SANSKRIT.

The course shall include the following—

(The books prescribed for the first four papers are common to all the groups).

Paper I.—(a) Ashtaka II of the Rigveda with Sayana's commentary thereon.
(b) Sayana's Instruction to his commentary on the Rigveda.

Paper II.—Siddhanta-Kaumudi (whole).

Paper III.—(a) and (b) Elements of Comparative Philology with special reference to the Indo-Iranian Languages and the growth of the Prakritic dialects.
The following books are recommended:—

Breal, M.—Semantics (Translated by Mrs. Cust) (Heinemann).

Edmonds, J. M.—Comparative Philology (omitting ch. ix)

Macdonnell, A. A.—Vedic Grammar for Students (Oxford).

Strong, H. A., Logemann, W. S. and Wheeler, B. T.—Introduction to the Study of the History of Language (Longmans).

Sweet, H.—The History of Language (Dent).

Tucker, T. G.—Introduction to the Natural History of Language (Blackie).

Uhlenbeck, C. C.—A Manual of Sanskrit Phonetics (Luzac)

Whitney, W. D.—Sanskrit Grammar (Trubner).

*Encyclopædia Britannica (11th Edition) The article on Philology.

*Hastings' Encyclopædia of Religion The article on Aryan Religion.

*Gune ... Introduction to Comparative Philology (Poona).

Sabdasaktiprakasika ... Karikas Nos. 2, 3, 4, 12-14, 16-18, 20, 29, 31, 33, 54, 56, 58, 60, 61, 67, 95.

Paper IV.—Two essays—(a) dealing with some subject connected with the history of Sanskrit literature generally, (b) dealing with some subject connected with the history of the special department covered by the group taken up.

Papers V, VI, VII and VIII.—One of the following groups to be selected by the candidate:—

A.—Literature

Paper V.—(a) Poetry Texts:—

Naishadha Charita	... Canto 15. with Mallinatha's commentary.
Kamandakiya Nitisara	... (Jibananda's edition) Chapters 8, 9, 10 and 11 (Pages 37-62).
Sukra Nitisara	... (Jibananda's edition). Chapter 4 (pages 537-670).
Mahabharata	... Rajadharma, Santiparva, Chapters 56-60, 68, 69, 86-88 (Pratap Ray's edition).
Bharavi	... Canto 17, with Mallinatha's commentary.

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

(b) Translation from English into Sanskrit.

Paper VI.—(a) Drama Texts: Vikramorvasi, Mrichchhakatika, Venisamhara Mahaviracharita, Karpuramanjari; Vararuchi's Prakrita Prakasa as is necessary for the appreciation of the Prakrit passages

(b) Translation from English into Sanskrit.

Paper VII.—(a) Prose Texts: Vasavadatta. Harshacharita, Chapters 5 and 6.

(b) Unseen passages in Sanskrit Prose for translation into English.

Paper VIII.—(a) Rhetoric and Prosody, namely, Kavyaprakasa, Ekavali Sarasvati Kanthabharana. Sahitya-darpana and Chhandamanjari.

(b) Unseen passages in Sanskrit Poetry for translation into English.

B.—Vedas.

*Paper V.—*Yaska's Nirukta and Pingala's Chhandasutras with Halayudha's Vritti; Pratisakhya of the Rigveda, with the commentary of Uvata.

Paper VI.—(a) Aitareya Brahmana with Sayana's commentary.

(b) Simple unseen passages in Vedic Sanskrit for translation into classical Sanskrit.

(The interpretations of any recognised Indian School will be accepted).

Paper VII.—(a) Brihadaranyaka, Chapters III and IV. Chhandogya, Chapters V, VI, VII and VIII

(b) Simple unseen Sanskrit passages from any Upanishad for translation into English.

Paper VIII.—(a) Grihya-Sutra—Gobhila with commentary.

(b) Translation from English into Sanskrit.

C.—Mimansa and Smriti.

Paper V.—(a) Mimansa Sutra with Sabara Bhashya, first six chapters.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Mimansa Philosophy, such as the Sloka-Varttika and the Tantra-Varttika, for translation into English.

Paper VI.—(a) Jaiminiya Nyaya Mala Vistara and Mimansa Nyaya prakasa.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Mimansa Philosophy, such as the Mimansa-Balaprakasa, and the Tuptika, for translation into English.

Paper VII.—(a) Manu Samhita with Kulluka's commentary.

Dharma Sutras of Apastamba and Gautama with Haradatta's commentary,

(b) Grihya-Sutra Gobhila.

Paper VIII.—(a) Yajnavalkya Samhita with Vijnanesvara's Mitakshara—Parasara's Institutes with Madhava's commentary.

(b) Translation from English into Sanskrit.

D.—Vedanta.

*Paper V.—*Vedantasara (Jacob's edition), Panchadasi, Vedanta Paribhasha Hastamalaka (with commentary), and Sidhantaleasa.

(b) Simple unseen Sanskrit passages from any work on Vedanta Philosophy such as the Vivaranapramaya-Sangraha for translation into English.

Paper VI—(a) Vedantasutras with Sankara Bhashya.

(b) Translation from English into Sanskrit.

Paper VII.—(a) Sribhashya—Chapter I, Part I.

(b) Advaita Brahma-Siddhi.

Paper VIII.—(a) Bhagavadgita and Chhandogya as in Group B; Munda Mandukya, and Svetasvatara Upanishads with Sankara's commentary.

(b) Passages for translation into English from the Anubhashya and the Saivabhashya.

E.—Sankhya and Yoga.

Paper V.—(a) Sankhyasutra of Kapila, with Vritti of Aniruddha; Sankhya Karika of Isvarakrishna, with Bhashya of Gaudapada.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Sankhya Philosophy for translation into English.

Paper VI—(a) Sankhya Pravachana Bhashya; Sankhya-Sara, and Sankhya-Tattva Kaumudi.

(b) Translation from English into Sanskrit.

Paper VII.—(a) Yoga Sutras of Patanjali, with Bhashya of Vyasa and Vritti of Bhoja, Yoga Varttika of Vijnana-Bhikshu.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Yoga Philosophy for translation into English.

Paper VIII.—(a) Yoga Vasistha, Chapter on Nirvana, Part II, Sarva-darsana-Sangraha.

(b) Translation from English into Sanskrit.

F.—Nyaya and Vaisesika.

Paper V.—(a) Nyaya Sutras of Gautama, with the Bhashya of Vatsyayana, Varttika of Udyotkara, and Vritti of Visvanatha

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Nyaya Philosophy for translation into English.

Paper VI.—(a) Nyayamanjari of Jayanta Bhatta. Khandanakhandakhadya of Sriharsha, Chapter I

(b) Translation from English into Sanskrit.

Paper VII.—(a) Bhasha Parichcheda, Siddhanta-muktavali, Kusumanjali of Udayacharya, with commentary of Ruchidutta and gloss of Vardhamana

(b) Translation from English into Sanskrit

Paper VIII.—(a) Vaiseshika Sutras of Kanada, with Bhashya of Prasastapada, Nyayakandali of Sridhara and Vritti of Jayanarayana, Saptapadarthi of Sivaditya, with commentary of Yatindramadhava.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Vaisesika Philosophy for translation into English.

G.—GENERAL PHILOSOPHY.

Paper V.—(a) Sankhyasutras of Kapila with Vritti of Aniruddha, Sankhya Tattva Kaumudi; Yogasutras of Patanjali with the Bhashya of Vyasa and Vritti of Bhoja.

(b) Simple unseen Sanskrit passages from any work on Philosophy for translation into English.

Paper VI.—(a) Nyayasutras of Gautama with Bhashya of Vatsyayana and Vritti of Visvanatha. Vaiseshikasutras of Kanada with Bhashya of Prasastapada, and Nyayakandali of Sridhara.

(b) Translation from English into Sanskrit.

Paper VII.—(a) Vedantasara (Jacob's edition), Bhagavadgita, Vedantasutras, Sankara's commentary, Chapter I, Parts I and IV, Chapter II, Part II.

(b) Translation from English into Sanskrit.

Paper VIII.—(a) Nyayaratnamala of Parthasarathi Misra: Mimansa Nyaya Prakasa of Apadeva. Upanishads—Isa, Kena, Katha, Prasna, Munda, Mandukya and Svetasvatara, with Sankara's commentary.

(b) Simple unseen Sanskrit passages from any work on Philosophy for translation into English.

H.—PRAKRIT.

Paper V.—(a) Prasna Vyakarana and Vipakasutra.

(b) Translation from English into Sanskrit (or Prakrit, at the option of the candidate).

Paper VI.—(a) Prakrit portions of the following dramas —

Sakuntala, Vikramorvasi, Malavikagnimitra, Uttaracharita, Malatimadhava Mahavira-Charita, Mrichchhakatika, Mudrarakshasa, Ratnavali, Karpuramanjari, Venisamhara.

(b) Translation from Sanskrit into Prakrit

Paper VII.—(a) Setubandha, Gaudavaha, Kumarpalacharita, together with a general knowledge of Prakrita Paingala.

(b) Simple unseen passages in Prakrit for translation into English.

Paper VIII.—(a) Prakrit Grammar as in Vararuchi's Prakrita Prakasa (Cowell), Chanda's Prakrita Lakshana (Hærnle), Hemachandra (Pischel).

Candidates are also expected to be familiar with the substance of Hærnle's Grammar of the Gaudian languages.

(b) Simple unseen passages in Prakrit for translation into Sanskrit.

I.—EPIGRAPHY AND HISTORY.

Paper V.—(a) Rajatarangini and its continuation with Stein's introduction and commentary.

(b) Unseen passages in Sanskrit for translation into English.

Paper VI.—(a) Inscriptions of Asoka.

(b) Early Indian Alphabets.

Paper VII.—*Epigraphia Indica*—

Vol	I,	Inscriptions	Nos. 1, 8, 11, 13 35.
"	II,	"	Nos. 8 and 17.
"	IV,	"	No. 34.
"	V,	"	Nos. 2 and 19.
"	VI,	"	Nos. 1 and 14.
"	VII,	"	No. 6.
"	IX,	"	No. 31.
"	X,	"	Nos. 15.
"	XII,	"	Nos. 8 and 18.

Fleet—Corpus Inscriptionum—Nos. 1-18, 33-37.

Prachina Lekhamala—Lekhas 69, 79, 80, 85, 92, 111 and 118.

Paper VIII.—(a) Ancient Geography of India.

(b) Translation from English into Sanskrit.

PALI.

COMPULSORY PAPERS.

Paper I.(a) *Digha Nikaya* (P. T. S).—

Brahmajāla-Suttanta.

Samaññaphala-Suttanta.

Sigalovada.

Ambattha Sutta.

(b) *Majjhima-Nikaya* (P. T. S.), Vol. I—Suttas 1-15.(c) *Samyutta-Nikaya*—(P. T. S.), Vol. I, pp. 1-102.(d) *Anguttara-Nikaya*—Pancakanipata (P. T. S.), pp. 1-110.*Paper II.*(a) *Mahavagga* of the *Vinaya Pitaka* (P. T. S.), pp. 1-156.(b) *Patimokkha* (P. T. S.).(c) *So-sor thar-pa*, by Mahamahopadhyay Dr. Satischandra Vidyabhushan.*Paper III.*

Kaccāyana—Pali Grammar.

Vuttodaya—ed, C. Silakkhandia. (Nirnaya Sagara Press Bombay)

Vararuchi—Prakrita Prakasa.

R. G. Bhandarkar—Wilson Philological Lectures. (Bombay.)

Morris—Notes and Queries (on Pali words) (J.P.T.S.) 1885-87.

Satischandra Vidyabhushan—Grimm's Law. (Calcutta.)

Gune—Comparative Philology. (Poona.)

Paper IV.

Rhys Davids—Buddhist India.

Rhys Davids—American Lectures,

Mrs. Rhys Davids—Buddhism.

Kern—Manual of Buddhism.

Spence Hardy—Manual of Buddhism.

Oldenberg—Buddha

Hoernle—Manuscript Remains of Buddhist Literature found in Eastern Turkestan, Vol. I (The translation and the notes only.)

GROUP A (Literary).

Paper V(a) (1) *Vessantara-jataka* (Faustjoll No. 547).(2) *Kulagaka-jataka* (31)(3) *Cullabodhi-jataka* (443).(4) *Mahajanaka-jataka* (539).(5) *Umagga-jataka* (546).(6) *Temiya-jataka* (538).(7) *Mahasuta-oma-jataka* (537).(8) *Dasaratha-jataka* (461).(9) *Ghata-jataka* (454).(10) *Devadhamma-jataka* (6).(11) *Vidura-pandita-jataka* (545).(b) All the Jatakas referred to in Bharaut sculptures so far as they have been identified (Rhys Davids' *Buddhist India*, p. 209).(c) *Dhammapada-Atthakatha* (P. T. S.), Vol II.(d) *Petavatthu* (P. T. S.), pp. 1-13(e) Introduction to Rhys Davids' *Buddhist Birth Stories*.

Paper VI.

Theri-Gatha with Paramattha-dīpani (second half)
 Thera-Gatha (first half).
 Suttanipata—Ed. Fausbjøll (pp. 1-99).
 Visuddhimagga (Calcutta Buddhist Text Society).
 Puggalapannatti (P. T. S.).
 Milindapanho (*Mendakapanha* only, pp. 90-188).

Paper VII.

1. Inscriptions of Asoka (Senart and Buhlar).
2. Piprahwa Stupa Inscription (as in Lüder's List of Brahmi Inscriptions No. 931).
3. Bharaut Stupa Inscriptions (as in Lüder's List, Nos. 678-903).
4. Sanchi Stupa Inscriptions (as in Lüder's List, Nos. 161-668).

Group B (Philosophy).

Paper V.

Dhammasangini
 Tikapattana.
 Kathavatthu (P.T.S.), Vol I, pp. 1-103.

Paper VI.

Abhidhammattha Sangaha.
 Netti.
 Abhidhammavātara.

Paper VII

Atthasālini (P.T.S.), pp. 1-136.
 Vibhanga (P.T.S.), pp. 1-150.
 Dhātukatha (P.T.S.), pp. 1-100.

Group C (Epigraphy and History)

Paper V.

Mahāvamsa (Chs. 21-37, Geiger's edition).
 Sasanavamsa (P.T.S.).
 Dathavamsa (P.T.S.)

Paper VI.

1. Inscription of Asoka.
2. Hathigumpha Inscription of Kharavela.
3. Ramgarh Cave Inscriptions.

Paper VII

- (a) Inscriptions of the Kshaharata and Satavahana Dynasties.
- (b) Inscriptions of the Imperial Guptas.

Paper VIII.

Cunningham Ancient Geography of India.
 Reports of the Archaeological Survey of India about Taxilla and Isipatan.
 Yun Chwang (Watters), 2 vols.

Group D (Mahayana Literature and Philosophy).

Paper V.

Lalita Vistara.

Asvaghosha's Buddhacarita.

Paper VI.

Madhaymika Sutra with Vritti of Chandrakirti

Lankavatara Sutra (Calcutta Buddhist Text Society).

Sutralankara of Assanga edited by Sylvain Levi.

Paper VII.

Nyayabindu Tika of Dharmottara (A S. B.)

Sarvadarsanasangraha (portion dealing with Buddhism).

Medieval School of Indian Logic (Buddhist Logic only), by Mahamahopadhyay Dr. Satishchandra Vidyabhushana

Paper VIII.

Thibaut Sanskrit Grammar.

Macdonell—Sanskrit Grammar.

ARABIC.

Kitābu'l Aghnāi, Vol. IV.

(a) from middle of page 17 to middle of page 34.

(b) from page 74 to page 93.

Yatimatu'd-Dahr, Vol. IV—Al-Babu'l-Khāmis fi dhikr-i-Abi'l-Fadli'l-Hamadāni, pages 167-204.

Qur'ān with the Kashshāt by Zamakhshari—the whole of Sūratu'l-Imrān. Mishkātu'l-Ma'ābihā.

(a) Kitābu'l-Imārat-i-Wa'l-Qādā'i

(b) Kitābu'l-Adab.

Ishārāt by Avicenna. Al-Namatu'l Tasi and Al Namatu'l-'Ashir.

Futūḥu'l-Buldān by Balādhiri, pages 152-240.

Mufasssal by Zamakhshari—from the beginning of the book up to the end of the Bahṭh Ismi-i-Mu'rab.

Fara'id by Mullā Maḥmud Jawnpuri. Ilmu 'l-Ma'āni—from the beginning of the Muqaddima up to the end of the Naw-i Aṭwal of the Fann-i-thani.

Students are recommended to consult the following books.—

De Sacy	...	Grammaire Arabe
Ditto	...	Anthologie Grammaticale Arabe
Wright	...	Grammar of Arabic Language.
Howell	...	Grammar of Classical Arabic Language.
Wright	...	Lectures on the Comparative Grammar of the Semitic Languages.
Noldeke	...	Semitic Languages (Encyclopædia Britannica, XXIV, 617).
Mehren	...	Rhetorik Araber.
Cheikho and Edde	...	Ilm-al-Adab.
St. Guyard	...	Theorie nouvelle de la Metrique Arabe (Jour. Asiat., 1876).
Hartmann	...	Metrum and Rhythmus.
De Goeje and Thatcher	...	Arabic Literature (Encyclopædia Britannica, II, 271).
Wallace and Thatcher	...	Arabic Philosophy (Enc. Britt, II, 276).

De Boer	... History of Philosophy in Islam—tr. Jones.
Huart	... History of Arabic Literature.
Arbuthnot	... Arabic Authors.
Nicholson	... Literary History of the Arabs
Browne	... Literary History of Persia, Vol. I.
Cambridge Mediæval History, Vol. II,	Chapters 10-12.
Gibbon	... Decline and Fall of the Roman Empire, Chapters 50-52, 56-59, 64, 65, 67, 68.
Ameer Ali	... History of the Saracens.
De Goeje	... Caliphate (Enc Britt., V, 23).
Hitti	... Origins of the Islamic State (Columbia University).
Weil	... History of Islamic Peoples—tr. Khuda Bakhsh.
Goldziher	... Mohammad and Islam—tr. Seelye (Yale University Press).
Von Kremer	... History of Islamic Civilization—tr. Khuda Bakhsh.
Macdonald	... Development of Muslim Theology Jurisprudence and Constitutional Theory.
Ibn Khaldun	... Prolegomena—tr. Slane
Horgoune	... Mohammedanism
Ameer Ali	... Spirit of Islam
Elphinstone	... History of India (Mahomedan Period)

PERSIAN.

Poetry

- The Hadiqa of Sani (Nawal Kishor edition, 1887), Chapters I and V,
 The Mantiqu-i-Tair of 'Attâr, from the first Maqâla to the last (Paris edition, 1857, or any other edition)
 The Diwân of Nâsir-i-Khudraw (Bombay edition)
 The Qasâ'id of Zahid Fâryâbî—All the Persian Qusîdas (Nawal Kishor or any other edition)

Prose.

- The Tazkira of Dawlat Shâh.
 The Tazkira of 'Awfi, Part II (London edition)
 The Kimiyâ-i-Sa'âdat of Ghazzâlî (pages 1-50.)
 The Durra'-i-Nâdira (Bombay edition), omitting the Dibâcha.
 The Hada'iq-ul-Balaghât—The first two Hadiquas.

Arabic Prose—The Prose Selection prescribed for B.A. Pass Course.

Students are recommended to consult the following books :—

Ethe	... Persian Language and Literature (Enc. Britt., XXI, 246).
Quseley	... Biographical Notices of Persian Poets.
Arbuthnot	... Persian Portraits.
Browne	... Literary History of Persia.
De Boer	... History of Philosophy in Islam—tr. Jones
Platts and Rankin	... Grammar of Persian Language
Ibrahim	... Persian Grammar
Forbes	... Persian Grammar

Phillot	... Higher Persian Grammār
Geiger and Kuhn	... Grundriss der Iranischen Philologie
Darmesteter	... Etudes Iraniennees
Ditto	... Origines de la Poésie Persane
Gladwin	... Rhetoric, Prosody and Rhyme of the Persians.
Blochmann	... Prosody of the Persians
Ruckert	... Grammatik, Poetik, and Rhetorik der Perser.
Azad	... Sukhandu i-Fars
Cambridge Mediaeval History, Vol. II, Chapters 10-12	... Decline and Fall of the Roman Empire Chapters 50-52, 56-59, 64, 65, 67, 68.
Gibbon	... Caliphate (Enc. Britt., V. 23)
De Goeje	... Origins of the Islamic State (Colum. Univ. Press.)
Hitti	... Mohammed and Islam—tr. Seelye (Yale University Press)
Goldziher	... History of Islamic Civilization—tr. Khuda Bakhsh.
Von Krenor	... History of Islamic Peoples—tr. Khuda Bakhsh.
Weil	... Development of Muslim Theology, Jurisprudence and Constitutional Theory.
Macdonald	... Prolegomena—tr. Slane
Ibn Khaldun	... Mohammedanism
Hurgounje	... Spirit of Islam
Amcer Ali	... History of Saracens
Ditto	... History of India (Mohomedan Period)
Elphinstone	

COMPARATIVE PHILOLOGY.

Paper I.

Tucker, T. G.	... Introduction to the Natural History of Language (Blackie), Chapters 1, 4 to 10 and 16.
Strong, H. A., Logeman, W. S., and Wheeler, B. T.	... Introduction to the Study of the History of Language (Longmans), Chapters 1, 2, 4, 5 and 9 to 15.
Oertel, H.	... Lecturers on the Study of Language (Ed. Arnold), Lectures 1 to 3 and 5.
Stout, G. F.	... Manual of Psychology, 3rd Edition (London University Tutorial Press), Book IV, Chapter V.
Delbruck, B.	... Introduction to the Study of Language, translated by Humboldt (Ginn)
Jackson, A.V.W.	... Philology (A pamphlet published by the Columbia University Press)
Belvalkar, S. K.	... Systems of Sanskrit Grammar (Oriental Book Supply Agency, Poona)
Gune, P. D.	... Introduction to Comparative Philology (Oriental Book Supply Agency, Poona), pp. 1-159.

Breal, M.	... Semantics, translated by Mrs. H. Cust (Heinemann).
Giles, F.	... Manual of Comparative Philology (Macmillan), Paras. 1-65.
Encyclopædia Britannica, 11th edition	... Articles on Grammar, Philology and Significs.
Sweet, H.	... History of Language (Dent)

Paper II.

Tucker	... Chapters 2, 3 and 12 to 16
Strong, Logeman and Wheeler	... Chapters 3 and 11
Oertel	... Lecture 4.
Noel-Armfield, G.	... General Phonetics (Heffer)
Clodd, E.	... Story of the Alphabet (Geo. Newnes)
Fleet, J.	... Translation of Buhler's Indische Palaeographie, reprinted from the Indian Antiquary.
Macdonnell, A.A.	... A Vedic Grammar for Students (Oxford), Paras. 1-69.
Whitney, W. D.	... Sanskrit Grammar (Trubner), Paras 1-260 and 591-598.
Uhlenbeck, C. C.	... Manual of Sanskrit Phonetics (Luzac)
Jackson, A. V. W.	... Avesta Grammar (W. Kohlhammer, Stuttgart), Paras. 1-218.
Wright, J.	... A Comparative Grammar of the Greek Language (Oxford), Paras 28-232; the portions not dealing with Sanskrit may be omitted.
Giles	... Paras 66-115, 130-181 and 249-265.
Encyclopædia Britannica.	... Articles on Accent, Alphabet, Phonetics and Writing.
Majumdar, Surendranath	... Syllabus of a Course of Lectures on Indian Palaeography (Calcutta University.)

Paper III.

Strong, Logeman and Wheeler	... Chapters 19 and 20
Macdonnell	... Paras 70-183
Whitney	... Paras 261-1245, except those referring to Syntax as prescribed for Paper VI.
Jackson	... Paras 219-900
Wright	... Paras 233-575 the portions not dealing with Sanskrit may be omitted.
Giles	... Paras 275-330 and 406-452

Paper IV.

Strong, Logeman and Wheeler	... Chapters XXII and XXIII.
Tucker	... Chapters XVII.
Encyclopædia Britannica	... Article on Slang.
Macdonnell	... As for Paper III.
Whitney	... Ditto.
Chattopadhyay, B. K.	... Prakrita Prakasa (S. K. Lahiri, Calcutta).
Imperial Gazetteer of India	... Vol. II, Chapter VI.
Müller, E.	... Pali Grammar (Trubner).

- Bhandarkar, R. G. ... Wilson Philological Lectures (Mrs. Radhabai A. Sagoon, Bombay), Lectures 1 and 2.
 Gune ... pp 160—222.
 Rhys Davids, T. W. ... Buddhist India (T. Fisher Unwin) Chapters VII—X

Paper V.

- Bhandarkar, R. G. ... Lectures IV—VII.
 Gune ... pp. 223—252.
 Encyclopædia Britannica ... Articles on Behari, Bengali, Gujrati, Hindi (Eastern), Hindi (Western), Hindustani, Marathi, Oriya, Pahari, Rajasthani, Sindhi and Urdu.
 Grierson, G. A. ... The Languages of India, being a reprint of the Chapter on Languages from the Report on the Census of India, 1901. (Government Printing Press, Calcutta.) (N.B. - From this book paras. 12, 71-79 and 84-86 would be useful also for paper I)
 Imperial Gazetteer of India ... Vol II, Chapter XI.
 Sen, Dineschandra ... History of Bengali Language and Literature (Calcutta University Press).
 Tagore, Rabindranath ... Sabdatattva (Indian Publishing House, Calcutta).
 Trivedi, Ramendrasundar ... Sīdakatha (Sanskrit Press Depository Calcutta).

(N.B.—The last three books are meant specially for those candidates whose mother tongue is Bengali. For those who require the other languages of India, other books will be prescribed in their stead as need arises.)

Paper VI.

- Apte, V S ... A Guide to Sanskrit Composition (Mrs. Radhabai A. Sagoon, Bombay).
 Macdonnell ... Paras. 184-218.
 Whitney ... Paras. 264-305, 486, 506, 507, 512, 572-582, 591-598, 776-779, 821-823, 926-930, 948-950, 960, 967, 980-988, 994-995, 999, 1040, 1072-1095 1126-1130, 1240-1316
 Giles ... Paras. 331-342 and 539-600
 Pischel, R. ... Grammatik der Prakrit Sprachen (Trubner), Part IV.
 Strong, Logeman and Wheeler ... Chapters VI-VIII and XVI-XVIII.
 Sen, Dineschandra ... As for paper V.
 Milne ... Bengali Grammar.
 (Books for other languages of India will also be prescribed instead of the last two as need arises.)

Paper VII.

- Tucker ... Chapter II.
 Encyclopædia Britannica (Ninth Edition) ... Article on Aryan.
 Encyclopædia Britannica (Eleventh Edition) ... Articles on Pahlavi, Persia, Zend-Avesta and Zoroaster.

Haug, M.	... Essays on the Religion of the Parsis (Trübner).
Jackson	... Introduction.
Hastings' Encyclopædia of Religion and Ethics.	Article on Aryan Religion.
Macdonnell, A. A.	... Vedic Mythology (Trübner).
Kanga, K. E.	... Khordeh Avesta ba Maeni (Bombay), and Gatha ba Maeni (Bombay),
Avesta, Pahlavi and Ancient Persian Studies (In honour of the late Shams-ul-Ulama Dastur Peshotanji Behramji Sanjana).	Chapters I and IV.
Bertin, G.	... Languages of the Cuneiform Inscriptions (Trübner), Part V.

The following Avesta and Old Persian Texts are prescribed for 1920.—

Ashem Vohu, Yatha Ahu Vairyo, Kem Na Mazda.
 Yasna : IX ; XII, 1-9, XXVI, 1-10 ; LIV, LVII and LX, 2-12 ;
 Gathas : XXIX ; XXX, XLIV ; XLVII, I, LI, I ; and LIII, I ;
 Vendidad : II, 22-35 ; IV, 1-16, 44-49 ; VII, 36-44, X, 16-29 ; and XIX,
 1-9, 15, 16, 27-33.

Behistun Inscription : Column I

(NB—Most of these texts are to be found in the two books of Kanga mentioned above ; for the Vendidad the text has been edited by Ervad E. K. Antia and published by the Trustees of the Persi Panchayet, Bombay ; and the text of the Behistun Inscription is to be found in the 'Avesta Pahlavi and Ancient Persian Studies' mentioned above (pp. 231-246). For the latter, the candidates are not expected to read the Cuneiform text. The publication of a volume of this text is under consideration by the University.)

Paper VII (Alternative).

Caldwell, R	... Comparative Grammar of the Dravidian Languages, 3rd Edition (Kegan Paul). Introduction
Grierson, G. A.	... Linguistic Survey of India, Vols. I, II, III and IV. Introductions only.
Hoffmann, J.	... Mundari Grammar (Government Press, Calcutta) Introduction.
Encyclopædia Britannica	... Articles on Brahui Dravidian Languages, Kanarese, Malayalam, Mundas, Tamil, Telugu and Tibeto-Burman
Aiyangar, M Srinivasa	... Tamil Studies, 1st series (Guardian Press, Madras), Chapters 1-3, 6-8 and 12
Kittle	... Kannada Dictionary (Basel Mission Press, Mangalore), Introduction
Konow, S.	... Article on Dravidian Philology in Indian Antiquary, 1903

The following books may be consulted with advantage :

Paper I

Stout, G F.	... Analytical Psychology (Geo. Allen) Vol. II, Chap X
Goldstucker	... Panini (Reprint by Panini Press, Allahabad)

- Wackernagel, J. ... Altindische Grammatik, Vol. I (Vandenhœck and Ruprecht, Göttingen), Introduction
- Whitworth, G. C. ... Indian English (Garden City press), Lettsworth)
- The King's English ... (Oxford, 2nd edition.)
- Noire, L. ... On the Origin of Language and the Logos theory (Open Court Publishing Co., Chicago)
- Jespersen, O. ... Progress in Language (Sonnenschein)
- Bechtel, F. ... Die Hauptprobleme der indogermanischer Lautlehre seit Schleicher (Göttingen, 1902.)
- Brugmann, K. ... Kurze vergleichende Grammatik der indogermanischen Sprachen (Trübner, Stasburg.)
- Douzat, A. ... La Philosophie du Langage La vie du (Armand Colin, Paris)
- Lefevre, A. ... Race and Language (International Scientific Series, London).
- Max Muller, F. ... The Science of Language (2 Vols.) (Longmans). This though very readable has to be used with caution as it represents an antiquated view of the science.
- Ditto ... Three Lectures on the Science of Language (Open Court Publishing Co., Chicago).
- Meillet, A. ... Les Dialectes Indo-Europeans (Ancient Honore Champion, Paris).
- Ditto ... Introduction a l' Etude Comparative des Langues Indo-Europeans (Hachette, Paris).
- Paul, H. ... Prinzipien der Sprachgeschichte (Max Niemeyer, Halle a. S.)
- Prozezinski, V. ... Einleitung in die Sprachwissenschaft (Trübner, Leipzig).
- Sayce, A. II. ... Introduction to the Science of Language (2 vols.) (Trübner)
- Ditto ... Principles of Comparative Philology (Trübner)
- S. C. Vidyabhushana ... Summary of Tattwa Chintamani (Sadbakhanda) (J. A. S. B.)
- Whitney, W. D. ... Language and its Study (Trübner) Life and Growth of Language (Trübner). Oriental and Linguistic Studies, 1st Series (Scribners, New York). VII-XIII.
- Wundt, W. ... Sprachgeschichte und Sprachpsychologie (Wilhelm Engelmann, Leipzig)
- Darbishire, H. D. ... Reliquae Philologicae (Cambridge)
- Edmonds, J. M. ... Comparative philology (Cambridge)
- Bhandarkar ... Commemoration Volume (Oriental Book Supply Agency), Essays 29 and 31.

Papir II.

- Mott, F. W. ... The Brain and the Voice in Speech and Song (Harper).
 Thumb, A. ... Handbuch des Sanskrit (Karl Winter, Heidelberg) Paras. 1-218.
 Victor W. ... Elements of Phonetics; translated and adapted by Walter Rippmann (Dent).
 Whitney, W. D. ... Oriental and Linguistic Studies. 2nd series (Scribners).
 Darbishire ... Pt. II, 4-6
 Gray, L. ... Indo-Iranian Phonology (Columbia University Press).
 Hirt, H. ... Der indogermanische Ablaut Der indogermanische Akzent (Trübner, Strassburg).
 Jespersen, O. ... Lehrbuch der Phonetik (Trübner, Leipzig)
 Meringer, R. ... Indogermanische Sprachwissenschaft (Sammlung Goschen, Leipzig)
 Reichelt, A. ... Avestisches Elementerbuch (Karl Winter, Heidelberg), Paras 31-179.
 Taylor, I. ... The Alphabet (2 vols.)
 Wackernagel ... Vol. I.
 Wechsler ... Gibt es Lautgesetze. (Halle A.S.)
 Encyclopædia Britannica ... Arteles on Chinese Language, Cuneiform, and Egyptian Language
 Giles Herbert ... China and the Chinese (Columbia University Press), Chapter I.
 Macdonnell ... Vedic Grammar, specially the treatment of the Accent.

Papir III

- Thumb ... Paras. 219-645
 Bartholomæ Chr. ... Handbuch der altiranischen Dialekte (Breitkopf & Hartel, Leipzig).
 Reichelt ... Paras. 180-411

Papir IV.

- Pischel, R. ... Grammatik der Prakrit Sprachen (Trübner, Strassburg).
 Basu, C. C. and Kar, L. M. ... Asoka Anusasana (Metcalf Printing Works, Calcutta).
 Francke, R. O. ... Pali and Sanskrit (Trübner)
 Bhandarkar ... Commemoration Volume, Essay II
 Bahechardas Jivarai ... Prakita Margopadesika (Dharmabhaya Press, Benares).
 Grierson, G. A. ... Linguistic Survey of India. Introduction to the various Aryan Languages of India.
 Beames, J. ... A Comparative Grammar of the Modern Aryan Language of India (Trübner).
 Hærnle, R. H. ... A Comparative Grammar of the Gaudian Languages (Trübner).

Besides the above, special Grammars and texts of the various languages of India may be consulted, such as Kellogg for Hindi, St. Clair Tisdall for Gujarati Navalkar for Marathi, Trumpp for Sindhi, etc.

Paper VI.

Beames	... As for Paper V
Thumb	... <i>Paras 646-700</i>
Speijer, J. S.	... <i>Sanskrit Syntax (Leyden)</i> ... <i>Sanskrit und Vedische Syntax (Trübner, Strassburg).</i>

Paper VII.

Schrader, O.	... <i>Die Indogermanen (Quelle and Meyer, Leipzig).</i>
Ditto	... <i>Sprachvergleichung and Urgeschichte (Jena).</i> This has also been translated into English by Jevons under the title "Prehistoric Antiquities of the Aryan Peoples."
Hirt, H.	... <i>Die Indogermanen (2 vols.) (Trübner, Strassburg).</i>
Kaegi, A.	... <i>Der Rigveda (Trübner).</i> Also translated into English.
Max Müller, F.	... <i>Comparative Mythology (2 vols.) (Longmans).</i> Biographies of Words and the Home of the Aryas (Longmans).
Taylor, I	... <i>Origin of the Aryans (Walter Scott)</i>
Whitney, W. D.	... <i>Oriental and Linguistic Studies (1st and 2nd Series) (Scribner).</i>
Darbishire	... <i>Pt. I, 1, (6) and Pt. II, 2 (8)</i>
Bhandarkar	... <i>Commemoration Volume, Essays 3, 7 and 8</i>
Tilak, B. G	... <i>Orion (Reprint by Ashtekar & Co., Poona, 1916).</i> ... <i>The Arctic Home in the Vedas (Ramchandra Govind, Bombay).</i>
Haddon, A. C.	... <i>The Wanderings of Peoples (Cambridge).</i>
Bartholomæ Chr.	... As for Paper III
Darmesteter, J.	... <i>The Zend Avesta I. (Sacred Books of the East.) Introduction.</i>
Tolman, H. C.	... <i>Ancient Persian Lexicon Cuneiform Supplement (American Book Co, New York).</i>
Jackson, A. V. W.	... <i>Zoroaster Persia, Past and Present (The Macmillan Co., New York).</i>

Paper VII (Alternative).

Hodgson, B	... <i>Essays on the Languages Literature and Religions of Nepal and Tibet (London)</i>
Arden, A. S.	... <i>Progressive Grammar of the Telugu Language (S.P.C.K. Press, Madras)</i>
Vinson, J.	... <i>Grammaire Tamoule</i>

The following second selection from Avesta and Old Persian Texts is Prescribed for 1921.

Ashem Vohu, Yatha Ahu Vairyo, Vispa Humata, Namaskar of the Four Quarters and the Final Passage of all Afringans :

Yasna : II, XX, and Haptanghaiti (XXXV-XLII) ;
 Yasts : Gosh. Siroza II, and Vistaspa ;
 Gathas XXVIII ; XXXI ; XXXIII. 12-14 . and LI ;
 Visparad XV ;
 Vendidad. III, 23-29 ; VI, 44-51 . VII, 36-44 ; XVIII 1-7, 14-28, and XXI
 Behistun Inscription : Column IV

(N.B.—The same remarks as applied to the "First Selection" apply in this case. The majority are contained in the books prescribed in the list. The only passages which will have to be copied out of Geldner's Text are Visparad XV and Yasna II.)

INDIAN VERNACULARS.

For the examination of 1921, Bengali will be the only vernacular which may be taken up as Principal Vernacular ; but further orders will be issued if meanwhile satisfactory progress is made with the preparation and publication of volumes of Typical Selections in other Vernaculars.

Until further orders, candidates will be allowed to select the Subsidiary Vernacular from the following list :—

Assamese, Oriya, Hindi, Marathi, Gujarati, Tamil, Telugu, Kanarese, Malayalam, Singhalese, Urdu.

BENGALI

Paper I

History of Bengali Literature from the earliest times down to 1850.

Special Period.—Vaishnab Literature during the Sixteenth Century.

Books recommended :—

- | | | |
|-----------|-----|---|
| D. C. Sen | ... | History of Bengali Language and Literature. |
| D. C. Sen | ... | Vaishnab Literature of Mediæval Bengal. |
| D. C. Sen | ... | Chaitanya and his Companions. |

Paper II.

(1) Vanga Sahitya Parichaya, edited by D. C. Sen Vol. I, pp. 27-101.

(2) Mayanamatir Gan, edited by Nalinikanta Bhattacharya (Dacca Sahitya Parishad) and Baikunthanath Datta.

Paper III.

Mukundaram Kabikankan—Chandimangal

Michael Madhusudan Dutt—Meghnadbadh.

Paper IV.

(a) Development of prose style in Bengali Literature, 1800-1857.

(b) Influence of Weestern Culture on Bengali Literature, 1857-1880.

In papers II and III, 75 marks shall be allotted to the texts and 25 marks to the unseen passages.

Questions on the texts shall include :—

(a) Questions on the subject matter and on the language of the prescribed books (historical, geographical, critical questions and literary allusions are not excluded).

(b) Questions on Grammar and Prosody arising from the texts.

(c) Questions on the life and literary career of the authors whose works are prescribed.

Until further orders, the list of basic languages will include the following :—

Prakrit.
Pali.
Persian.

The following lists of books have been recommended for use by students taking up the different languages mentioned as part of their course for the M. A. degree in Indian Vernaculars :—

ASSAMESE.

TEXTS.

Sankardeb	... Rukmini Haran.
Bhattadeb	... Katha Gita (First Three Chapters).
Gunabhiram Barua	... Asam Buranji (First Four Chapters).
Lakshminath Bezbarua	... Kripabar Barbaruar Kakatar Topola.
Malijuddin Ahmad	... Jnana Malini.

GRAMMAR.

Hemchandra Barua	... Asamiya Byakaran.
Debananda Bharali	... Asamiya Bhashar Maulik Bichar.
Satyanath Bora	... Sahitya Bichar
Debananda Bharali	... Anglo Assamese Grammar.
G. F. Nicholl	... Assamese Grammar (in Bengali Manual).

LITERARY HISTORY

Debendranath Bezbarua	... Assamiya Bhasha Aru Sahityar Buranji.
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ORIYA.

TEXTS.

Jagannthadasa	... Bhagabata, Skandha XI.
Upendra Bhanja	... Baidehisabilasa, Part IV.
Madhusudana Rao	... Prabandhamala.
Madhusudana Rao	... Kusumanjali.
Pakhiramohana Senapati	... Chha-mana At-guntha.

GRAMMAR.

Radhanatha Ray	... Byakaran Prabesa.
E. C. H. Hallam	... Oriya Grammar.

LITERARY HISTORY.

Manmohan Chakrabarti	... Articles on Oriya Literature (in the J. A. S. B. 1898-99)
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MARATHI.

TEXTS.

Gadyaratna Samuchchay, Part I,
Navanit, pp 2-20, 47-88. 159-171, 381-410

GRAMMAR.

Ramchandra Bhikaji Joshi	... Praudhabodh Vyakaran.
G. R. Navalkar	... Marathi Grammar.

LITERARY HISTORY.

Bhabe ... Maharashtra Sarasvat.

HINDI.

TEXTS.

Kashi Ram and	}	Tulsi Sangraha.
Dwarka Prasad	}	
Ramnares Tripathi		Kavita Kaumudi, Part I.
Harischandra	...	Satya Harischandra.
Ajodhya Singh	}	Theth Hindi Ka That.
Upadhyay	}	
Misra Bandhu	...	Hindi Navaratnamala.

GRAMMER

Kellogg	...	Grammar of the Hindi Language.
Pincott	...	Hindi Manual.
Etherington	...	Bhasha Bhaskar.
Garcin de Tassy	...	Chrestomathie Hindie ou Hindouie.

LITERARY HISTORY.

Grierson ... Vernacular Literature of Hindustan.

GUJARATI.

TEXTS.

Ghanasyam.	..	Patanani Prahuta (Gujarati Press, Bombay).
I. P. Khansaheb		
and Narharilal		
Trikamlal	...	Sahitya Ratna.

GRAMMAR.

Taylor	...	Gujarati Bhashanun Vyakaran.
K. P. Trivedi	...	Madhya Vyakaran.
St. Clair Tisdall	...	Simplified Grammar of the Gujarati Language.
Khansaheb and Sheth	...	Hints on the Study of Gujarati.

LITERARY HISTORY.

K. M. Jhaveri ... Milestones in Gujarati Literature

URDU

TEXTS.

Kalam-i-Urdu (Board of Examiners)
 Hayat-i-Saadi (Hali)
 Taubatu-n-Nasuh (Nazir Ahmad)
 Nazm-i-Muntakhab
 Musaddas-i-Hali

GRAMMAR.

Palmer	...	Simplified Grammar of Hindustani, Persian and Arabic
Green	...	A Practical Hindustani Grammar
Forbes	...	Hindustani Grammar
Platts	...	Ditto.

LITERARY HISTORY.

- Garcinde Tassy ... Histoire de la Literature Hindouie et Hindoustanie
 Azad ... Ab-i-Hayat

TAMIL

- Wickremsinghe ... Tamil Grammar Self-taught
 Pope ... Tamil Handbook
 Do ... Catechisms of Tamil Grammar, I-II
 Arden ... Progressive Grammar
 Caldwell ... Comparative Grammar of Dravidian Languages
 Purnalingam Pillaj ... Primer of Tamil Literature
 Do. ... Viveka Vilakkam
 Do. ... Seyyul Korai
 Do. ... Vasaka Thirattu
 Matriculation Selections (Madras University)

TELUGU

- Brown ... Telugu Grammar
 Morris ... Simplified Telugu Grammar
 Arden ... Telugu Grammar, 1905 Telugu Companion Reader, 1879.
 Caldwell ... Comparative Grammar of Dravidian Languages
 Narasingham and Narasingharow ... Ananda Readers, Parts III & IV.
 Matriculation Selections (Madras University)

MALAYALAM

- Gundert ... Catechism of Malayalam Grammar (Madras, 1881)
 Fohnmeyer ... Progressive Grammar of Malayalam Mangalore, 1889
 Peet ... Malayalam Grammar, (Cottam 1841)
 Caldwell ... Comparative Grammar of Dravidian Languages.
 Fourth Reader ... }
 Twelfth Reader ... } Basel Mission (Mangalore.)
 Gadya Malika, Part II ... }
 History of Malayalam Literature ... }
 Matriculation Selections (Madras University).

KANARESE

- Kittel ... Grammar of Old and Modern Kannada (Mangalore 1903)
 Spencer ... Kanarese Grammar (Mysore, 1914)
 Caldwell ... Comparative Grammar of Dravidian Languages.
 Rice ... History of Kanarese Literature.
 Padya Sangraha
 Padya Sara, Part, I pp. 3-4, 12-13, 27-30, 77-86 and 103-106. Katha Sangraha, Part, I, pp. 1-96
 " " Part, II, pp. 210-280
 Nirmale (or She Stoops to Conquer) in Kanarese.
 Sabdadarsa (Kanarese).
 Matriculation Selections (Madras University).

SINHALESE.

Wickremasinghe	... Sinhalese Grammar (London, 1916)
Guna Sekra	... Comprehensive Sinhalese Grammar (Colombo, 1892).
Do.	... Kusajatakakavya.
Gunawardhana	... Subhasitaya
Samarasekara	... Sinhalese Translation of the Digha-nikaya, Vol. I (Brahmajala sutra and Ambatthasutra only)
Gurulu Goru	... Amawatura (First four chapters only. ... Edited by Jayatilaka)

MAITHILI

Grierson	... Grammar and Chrestomathy, 2 Vols.
Vidyapati	... Padabali (Baugiya Sahitya Parisad ; Indian Press, Allahabad ; Coomarswamy and Aryan Sen).
Umapati	... Parijata Harana, edited by Grierson (Bihar and Orissa Research Society, Vol. III, 1917).
Grierson	... Vernacular Literature of Hindustan.

PALI.

Andersen	... Pali Reader.
Tarkfurter	... Pali Handbook
Muller	... Simplified Pali Grammar
Victor Henry	... Precis de Grammaire Pali
Bidhusekhar Sastri	... Pali Prakasa

PRAKRIT

Vararuchi	... Prakrita Prakasa
Rahasekhara	... Karpmananjari
Cowell	... Introduction to Prakrit

PERSIAN.

New Persian Selections (Board of Examiners).

Kanga	.. Selection from Persian Prose and Poetry.
Platts and Ranking	.. Persian Grammar
Rosen	.. Ditto.
Karga	... Hints on the Study of Persian.

MENTAL AND MORAL PHILOSOPHY.

Paper I.—History of Ancient European Philosophy.

The following books are recommended .—

Ueberweg	... History of Philosophy
Caird	... Development of Theology in the Greek Philosophers
{ Zeller	... Plato
	or
{ Zeller	... Aristotle
	or
{ Gomperz	... Greek Thinkers, Vol. IV
Bakewell	... Sourcebook in Ancient Philosophy, (Scribner)

Students will be expected to have a special knowledge of the system of Plato or Aristotle and to show an acquaintance with the following special texts.

Either Plato's Republic or Aristotle's Metaphysics.

Paper II—Mediæval and Modern European Philosophy.

The following books are recommended :—

Erdmann	... History of Philosophy, Vol II
Adamson	.. Development of Modern Philosophy
De Wulf	... Scholastic Philosophy
Ditto	.. History of Mediæval Philosophy (Longmans)
Rand	... Modern Classical Philosophers (Constable)
Perry	... Present Philosophical Tendencies
Hume	.. Inquiry concerning Human Understanding
Watson	* ... Philosophy of Kant as contained in extracts from his own writings.

Paper III.—Outlines of Indian Philosophy.

The following books are recommended :—

Max Muller	... Six Systems of Indian Philosophy
Deussen	... Philosophy of the Upanishads
Rhys Davids	... Indian Buddhism (Hibbert Lectures)
Madhavacharya	... Sarvadaršana Sangraha (Cowell and Gough). [Charvaka, Bauddha, Arhata, Ramanuja, Vaiseshika, Nyaya, Sankhya and Patanjala Systems]
Sankara	... Commentary on the Vedanta Sutra, Second Adhyaya, Padas I and II only (Thibaut)
Ramanuja	.. Commentary on the Vedanta Sutras, Introduction and the first Sutra, Pada I, Adhyaya I
Seal, B. N.	... Positive Sciences of the Hindus [Chapters I (pp. 1-56), VI (pp. 218-219), and VII]

Paper IV—VI—(i) Psychology.

Preparatory Reading.

Macdougall	... Physiological Psychology
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The following books are recommended :—

James	... Principles of Psychology
Wundt	... Outlines of Psychology
Stout	... Analytic Psychology
Lloyd Morgan	... Comparative Psychology
Kulpe	... Outlines of Psychology
Villa	.. Contemporary Psychology
Rand	... Classical Psychologists

(ii) Logic.

Students are allowed to take up any *one* of the following two alternative courses in Logic.—

- (a) Logic as Epistemology and Inductive Logic and Methodology
(b) Logic as Metaphysics and Dialectic

The following books are recommended —

(a) Logic as Epistemology and Inductive Logic and Methodology.

Lotze	... Logic
Bosanquet	... Logic
Mill	... System of Logic
Hobhouse	... Theory of knowledge
Venn	... Empirical Logic
Jevons	... Principles of Science
Keynes	... Formal Logic
Encyclopædia of the Philosophical Sciences.	Vol I, Logic (Macmillan)

(b) Logic Metaphysics and Dialectic.

Kant	... Critique of Pure Reason
Fichte	... The Science of knowledge, translated by A. E. Troeger, with a preface by W. T. Harris. (Trubner & Co.)
Wallace	... "Logic of Hegel" and "Prolegomena."
McTaggart	... Studies in Hegelian Dialectic
Lotze	... Metaphysics

(iii) Ethics and Social Philosophy

The following books are recommended.—

Green	... Prolegomena to Ethics
Sidgwick	... Methods of Ethics and Short History of Ethics
Wundt	... Ethics
Kant	... Theory of Ethics (Abbott)
Sterrett	... Ethics of Hegel
Herbert Spencer	... Principles of Sociology. Vols. I and II (Political Institutions only.)
Gidding	... Principles of Sociology
Lester Ward	... Dynamic Sociology, Vols I and II
Rand	... Classical Moralists

Students will be expected to show an acquaintance with *either* of the following texts.—

Aristotle's Ethics or Spinoza's Ethics.

(iv) Philosophy of Religion

The following books are recommended.—

Lotze	... Outlines of the Philosophy of Religion.
Hegel	... Philosophy of Religion (Spiers and Sanderson), Part I.
Pfeiderer	... Philosophy and Development of Reli- gion, Vol I (Gifford Lectures).
Royce	... The World and Individual (both series).
Ward	... Realm of Ends (Pluralism and Theism).
Do.	... Agnosticism and Naturalism.
Pringle Pattison	... Idea of God (Gifford Lectures.)

(v) *Special Branch of Indian Philosophy*

Any one of the three following groups :—

(1) The Nyaya Sutras of Gautama with Bhashya of Vatsyayana Varttika of Udyotkara and Vritti of Visvanatha.

The Bhasha-Parichchheda with Siddhanta Muktavali.

The Kusumanjali of Udayana with commentary.

(2) The Sankhya Karika of Isvarakrishna with Sankhya Tattvakaumudi of Vachaspati Misra.

The Sankhya Sutras with Sankhya Pravachana Bhashya of Vijnana-bhikshu.

The Vedanta Paribhasha.

The Hastamalaka with commentary

The Advaita Brahma Siddhi.

Sankara's commentary on the Vedanta Sutras (the first four Sutras and Adhyaya II, Padas I and II).

Ramanuja's commentary on the Vedanta Sutras (Introduction and the first four Sutras).

(3) The Sutras of Kanada with Bhashya of Prasastapada and Nyayakandali of Sridhara.

The Bhasha Parichchheda with Siddhanta Muktavali

Nagarjuna's Madhyamika Karika with commentary

The Nyayavindu with commentary.

HISTORY.

The following are the selected periods and the following are the books (A) recommended for study and (B) named as books that may be referred or consulted by candidates. Candidates are expected to possess a thorough acquaintance with the works marked with an asterisk.—

A) Books recommended for study—

Paper I.—Selected period of English History, from 1756 to 1815, excluding the History of British India.

- | | | |
|-------------|-----|---|
| * Lecky | ... | History of the Eighteenth Century. |
| * Robertson | ... | England under the Hanoverians. |
| * Rose | ... | Revolutionary and Napoleonic Era. |
| Burke | ... | Present Discontents, Two Speeches on America. |
| * Roseberry | ... | Pitt. |

Paper II.—Selected period of Indian History, from 600 B.C.—900 A.D.

- | | | |
|------------------------------------|-------------------------|---|
| * Manu | .. | Institutes (Translated by Buhler.) |
| * Kautilya | ... | Arthashastra (Translated by R. Shama Sastri). |
| Rangaswami Aiyangar | ... | Ancient Indian Polity. |
| Rhys Davids | ... | Buddhist India. |
| V. A. Smith | ... | Asoka |
| * R. G. Bhandarkar | ... | Early History of the Deccan. |
| * Krishnaswami Aiyangar | .. | Beginnings of the South Indian History. |
| * D. R. Bhandarkar | .. | Carmichael Lectures—First Series. |
| * Megasthenes | ... | Indica. |
| The Periplus of the Erythraean Sea | (Translated by Schoff.) | |
| * Fa Hian | ... | Travels (translated by Legge) |
| * Yuan-Chwang | ... | Travels in India (Translated by Watters) |

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- * V. A. Smith ... Early History of India (latest edition.)
 (Students are expected to possess a general knowledge of the Ancient Geography of India.)

Paper III.—General History of the Ancient East.

Breasted	... History of Egypt.
Ditto	... Development of Religion and Thought in Ancient Egypt.
Jastrow	... Civilisation of Babylonia and Assyria
King	... History of Babylon

Paper IV.—Constitutional History of England.

Stubbs	... Constitutional History of England
Hallam	... Ditto
Erskine May	... Ditto
Documents and Extracts illustrative of English Constitutional History (Calcutta)	

Paper V.—International Law.

Hall	... International Law
Wheaton	... International Law (Ed. Phillipson)
Stowell and Munro	... International Cases, 2 vols.

Papers VI and VII.—History of Islam.

* Muir	... Caliphate
* Zeydan	... Umayyadas and Abbasides
* Khuda Baksh	... Islamic Civilisation
* Goldziher	... Mohammed and Islam (Tr. Seelye) (Yale University Press.)
Freeman	... History and Conquest of the Saracens.
Gibbon	... Decline and Fall of the Roman Empire, Chapters 50-52, 56-59, 64, 65, 67, 68.
Ameer Ali	... History of the Saracens
* Elphinstone	... History of India
* Elliott	... Ditto
* Ferishto	... History of the Rise of the Muhammadan Power (Tr. Briggs.)
* Babar	... Memoirs (Tr. Talbot)
* Owen	... India on the Eve of the British Conquest.
Do.	... Fall of the Moghul Empire
Keene	... Ditto
* Hitti	... Origins of the Islamic State (Columbia University Press.)
* Agnides	... Mohammedan Theories of Finance (Columbia University Press.)
* Cambridge Mediæval History, Vol. II, Chapters 10-12.	

Special Period of Indian History from 1765-1805

* Mill	... History of British India, edited by Wilson (from Chapter VII of Book IV to the end of Book VI)
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* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Sir Alfred Lyall	...	The Rise and Expansion of the British Dominion in India.
Malcolm	...	Political History of India
*Owen	...	India on the Eve of the British Conquest.
Ramsay Muir	...	Making of British India
Ranade	...	Introduction to Peshwa Diaries
Keene	...	Fall of the Moghul Empire
*Grant Duff	...	History of the Mahrattas
Bowring	...	Haidar Ali and Tipu Sultan (Rulers of India Series)
R. C. Dutt	..	Economic History of India under Early British Rule.
Gholam Hossain Khan	...	Seir Mutaqherin—Sections XII, XIII and XIV.
*Forrest	...	Selections from State Papers, 1772-85 (Portions relating to the Rohilla War, Warren Hastings' relation with Nandakumar, Chait Sing and the Begums of Oudh).
*Owen	...	Selections from Wellesley Despatches.
*Fifth Report of the Select Committee on Bengal Presidency, including Grant's Analysis.		the affairs of the East India Company,

Economic History of England and India,

*Cunningham	...	Growth of English Industry and Commerce
*Bowley	...	History of England's Foreign Trade in the XIXth Century
Traill	...	Social England, Vol. VI, Economic Section
Buxton	..	Finance and Politics
*Ashley	...	Economic Organisation of England
Ascoli	..	Early Revenue History of Bengal
Robinson	...	East India Trade
Report of the Industrial Commission		
Imperial Gazetteer of India, Vols. III and IV (Economic portions.)		
History of Commerce in India, 1765-1918.		

Comparative Politics,

*Kautilya	...	Arthashastra (Trans. Shama Sastri)
Rangaswami Aiyangar	..	Ancient India Polity
Pramathanath Banerjee	..	Public Administration in Ancient India.
*Aristotle	..	Construction of Athens (Tr. Poste.)
Zimmern	..	Greek Commonwealth
*Coulanges	...	Ancient City (Tr. Small)
Warde Fowler	...	The City State of the Greeks and Romans
Maine	...	Ancient Law
*Sidgwick	...	Growth of European Polity
*Freeman	...	Comparative Politics
Woodrow Wilson	...	Constitutional Government
*Lowell	...	Governments of France, Germany and Italy.

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Vincent	... Switzerland
Wallace	.. Government of England
*Allen	... Evolution of Government and Laws
Ogg	... Government of Europe

Special Period of European History—The French Revolution, 1789-94.

●Cambridge Modern History, Vol. VIII.

Mignett	... History of the French Revolution
*Thiers	... History of the Great French Revolution.
De Tocqueville	.. France before the Revolution
*Acton	... Lectures on the French Revolution,
*Carlyle	... History of the French Revolution, edited by Flecher or Rose.
*Burke	... Reflections on the French Revolution
*Do	... Letters on Regicide Peace
*Young	... Travels in France during the years 1787-89.
*Aulard	... Political History of the French Revolution.
Putzger	... Historical Atlas

ANCIENT INDIAN HISTORY AND CULTURE.

COMPULSORY PAPERS.

(1) *General History of Vedic and Epic India.*

●Weber	... History of Indian Literature (pages 1-195)
●Macdonell	... History of Sanskrit Literature (Chaps I-X)
*Hopkins	... The Great Epic of India
●D. R. Bhandarkar	... Carmichael Lectures, First Series (1918)
●Muir	... Sanskrit Texts, Vol V.
Kaegi	... Rigveda
Zimmer	... Altindisches Leben, Book I, Ch.4, and Book II, Ch. I.

(2-3) *Political History of the Post-Epic Period.*

*V. A. Smith	.. Early History of India
*Bombay Gazetteer, Vol. I.	
Krishnaswami Aiyangar	.. Ancient India
Krishnaswami Aiyangar	... Beginnings of South Indian History
*Pargiter	... Dynasties of the Kali Age
●Inscriptions relating to Pāla and Sena Dynasties	
●D. R. Bhandarkar	... Carmichael Lectures, First Series (1918)
*Stein	.. Rājatarangini (Introduction only)

(4) *Historical Geography of Ancient India.*

*Cunningham	... Ancient Geography of India
*Periplus of the Erythræan Sea	

●Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- *Ptolemy ... Geography of India
- *Watters ... Yuan Chwang
- Fleet ... Topographical List of Brihatsamhita
(Indian Antiquary, 1893, pp. 169—195)
- Vivien de St. Martin ... Etude sur la géographie et les populations primitives du nord-ouest de l'Inde d'après les Hymnes Vediques
- Pargiter ... Translation of Markandeya Purana (Bhuvanakosa only)
- Foucher ... Notes on the Geography of Gandhara
- * Reports of the Archaeological Survey of India about Takshasila, Isipatana Vaisali, Sravasti, Rajagriha and Kusinara

Optional Papers

I—ARCHÆOLOGY

(1) *Epigraphy*

- *Inscriptions of Asoka
- *Inscriptions of Kharavela and Satavahana King
- *Inscriptions of the Kshatrapa families
- *Inscriptions of the Imperial Gupta Dynasty
- G. N. Banerjee ... Hellenism in Ancient India

(2) *Fine Arts and Iconography*

- *V. A. Smith ... History of Fine Arts in India and Ceylon
- *Havell ... Indian Sculpture and Painting
- *Gopinath Rao ... Elements of Hindu Iconography
- *Grünwienel ... Buddhist Art
- G. N. Banerjee ... Hellenism in Ancient India

(3) *Numismatics*

- *V. A. Smith ... Catalogue of the Coins in the Indian Museum. (Up to the end of the Gupta period)
- *Rapson ... Catalogue of Coins Andhras, Western Kshatrapas, etc.
- *Allan ... Catalogue of Coins; Gupta Dynasties
- *Whitehead ... Catalogue of the Coins of the Punjab Museum, Lahore. Vol. I
- G. N. Banerjee ... Hellenism in Ancient India

(4) *Ancient Architecture*

- *Fergusson ... History of Indian and Eastern Architecture, Vols. I, II
- *Havell ... Ancient and Mediæval Architecture of India
- G. N. Banerjee ... Hellenism in Ancient India

ARCHÆOLOGY

(Alternative Course)

Paper V.

- D. R. Bhandarkar ... Carmichael Lectures (Second Series)
- Adolphe Reinach ... Apropos de l'origine de l'alphabet (Revue Epigraphique, Janvier-mars 1914, pp. 134-155)

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- Dr. Flinders Petrie ... The Formation of the Alphabet
 Wilke ... Sudwest Europäische Megalithkultur
 und ihre Beziehungen zum Orient
 (pp. 55-65)

The Journal of the Hyderabad Archaeological Society, 1917. pp.55-79.

The Indian Antiquary, May, 1919

Paper VI.

- E. A. Parkyn ... Prehistoric Art
 T. Wilson ... Arrowpoints, Spearheads and knives
 of Prehistoric Times (Washington,
 1899)
 Avebery ... Prehistoric Times (7th edition, 1913
 Williams and Norgate)
 W. J. Sollas ... Ancient Hunters and their Modern
 Representatives (Macmillan 2nd
 edition)
 Logan ... Old Chipped Stones of India (Thacker
 Spink & Co., 1906)
 R. Bruce-Foote ... The Foote collection of Indian Pre-
 historic and Protohistoric Anti-
 quities—Notes on their Ages and
 Distribution (Madras Govt. Press
 1916)
 J. Coggin-Brown ... Catalogue raisonne of the Prehistoric
 Antiquities in the Indian Museum
 (Simla Govt. Press, 1917)
 A. Rea ... Catalogue of the Prehistoric Anti-
 quities from Adichanallur and
 Perumbair (Madras Govt. Press
 1915)

Journal of the Behar and Orissa Research Society (September, 1918)

Paper VII

- Bruce-Foote ... Notes on Ages and Distribution p.125
 Coggin-Brown ... Catalogue raisonne, p. 144
 Rapson ... Indian Coins
 ... Journal Royal Asiatic Society, 1895
 E. Thomas ... Ancient Indian Weights
 T. W. Rhys Davids ... On the Ancient Coins and Measures
 of Ceylon
 Sir Walter Elliot ... Coins of Southern India (1886), pp.
 45-63
 W. Ridgeway ... The Origin of Metallic Currency and
 Weight Standards, 1892
 H. C. Millies ... Recherches sur les Monnaies des
 Indigenes de l' Archipel Indien et
 de la Peninsule Malaie (1871)
 A.C. Haddon ... Evolution in Art (Chapter on Wealth)

Paper VIII

- T. Eric Peet ... Rough Stone Monuments and their
 Builders (Harper, 1912)
 Fergusson ... Rude Stone Monuments in all Coun-
 tries (London, 1872)
 Montelius ... Orient and Europa (1909)

- Congreve ... Madras Journal of Literature and Science (1947)
 Yule ... Proceedings of the Society of Antiquaries, Scotland, Vol. I
 Taylor ... Transactions of the Royal Irish Academy, Vol. XXIV
 Walhouse ... Journal of the Anthropological Institute (1877, August)
 Babington ... Transactions, Literary Society of Bombay (1823)
 Reports of the Archaeological Survey Madras (1902-17)

II.—SPECIAL AND CONSTITUTIONAL HISTORY

(1—3) *Social and Economic Life and Administration*

- *Zimmer ... Altindisches Leben
 Rhys Davids ... Buddhist India
 *Hillebrandt ... Ritual literature, Chaps. I—II. (Grundriss Series)
 *Fick ... Die Sociale Gliederung in Nordostlichen Indien
 Mrs. Rhys Davids ... Notes on Early Economic Conditions in Northern India. (J. R. A. S., London, 1901, pp. 859-888, Economic Journal for 1901)
 *Kautilya ... Artha-sastra
 Rangaswami Aiyangar ... Ancient Indian Polity
 *Mahabharata-Santiparva ... Sections 56-157
 Banerjea ... Public Administration in Ancient India
 *Manu ... Institutes (trans. Buhler)
 *Gautama, Baudhayana, Apastamba ... Vasishtha Dharma Sutras, (Sacred and Books of the East Series)
 *Alberuni ... India (omitting the mathematical details), (trans. Sachau)
 *Periplus of the Erythraean Sea (trans. Schoff)
 Rawlinson ... India and the Western World
 *D. R. Bhandarkar ... Carmichael Lectures First Series (1918)
 R. C. Majumdar ... Corporate Life in Ancient India

(4) *Ethnology*

- *Keane ... Ethnology
 *Baine ... Ethnography (the Grundriss Series)
 *Risley ... Peoples of India
 *Senart ... Castes in India (Indian Antiquary, 1912, pp. 101-114 and pp. 129-139)
 Thurston ... Ethnographic Notes on Southern India (one Volume edition), pp. 101-114 and pp. 129-139
 *D. R. Bhandarkar ... Foreign Elements in the Hindu Population (Indian Antiquary, 1911, pp. 7-37)
 Ramaprasad Chanda ... The Indo-Aryan Races
 *Risley ... Manual of Anthropometry (Craniological Data from the Indian Museum, Calcutta)

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

III.—RELIGIOUS HISTORY

General

- *Hopkins ... Religions of India (Handbook on the History of Religions Series)
- *Barth ... Les Religions de L'Inde et Bulletins des religions de L'Inde, Vols. I & II.

(1) Vedic Religion

- *Bloomfield ... Religion of Veda
- *Macdonell ... Vedic Mythology
- *Hillebrandt ... Ritual literature, Chaps. I, II and IV

(2) Epic and Pauranic Religions

- *R. G. Bhandarkar ... Vaisnavism, Saivism and Minor Religious Systems (omitting XIX.—XXV of Part I)

(3) Buddhism.

- *Rhys Davids ... American Lectures.
- Mrs. Rhys Davids ... Buddhism.
- *Kern ... Manual of Indian Buddhism
- *Spence Hardy ... Manual of Buddhism.
- *Oldenberg ... Buddha.
- *I-tsing ... Records of the Buddhist Religion Takakusu
- *Fa Hian ... Travels (Legge)
- *Warren ... Buddhism in Translation.
- *Hoernle ... Manuscript remains of Buddhist Literature found in Eastern Turkestan, Vol. I (the translations and notes only).

(4) Jainism.

- *Jacobi ... Introduction and Translation of the Jaina Sutras, Parts I and II (Sacred Books of the East, Vols. XXII and XLV).
- *R. G. Bhandarkar ... Report on the Search of Sanskrit Manuscripts in the Bombay Presidency during the year 1883-84, pages 91-157.
- *Buhler ... On the Indian Sect of the Jainas (translated and edited with an outline of Jaina Mythology by Burgess)
- *Vijayanandasuri ... Sri-jainatattvadarsa.

IV.—INDIAN ASTRONOMY AND MATHEMATICS

(1) Mathematics.

Selected texts on Mathematics for critical, historical and comparative study:—

Sulva-Sutras.

*Thibaut

... On the Sulva-Sutras. (J. A. S. B., Vol. 44.)

The Pandit, Vols. 9 and 10 (Old Series.); Vol 1 and 4 (New Series).

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- Burk ... Das Apastamba Sulva-Sutras. (Z. D. M. G., Vols. 55 and 56.)

(2) *Mathematics.*

History of Mathematics, with special reference to the works of Aryyabhatta I, Varaha Mihira, Brahmagupta, Aryyabhatta II, Mahavira, Sridhara and Bhaskaracharyya.

The following books are recommended:—

- *Aryyabhatiam ... Edited by Dr Kern.
 Brahmasphuta-siddhanta. ... Edited by Pd. Sudhakara Dvivedi.
 Maharyya-siddhanta of Aryyabhatta II.
 *Mahavira ... Ganita-sara-sangraha (Madras).
 Sridhara ... Trisatika, edited by Pd. Sudhakara Dvivedi.
 Do. ... Edited by G.R. Kaye and K. Ramanujachariya.
 Lilavati and Vija-ganita. ... Edited by Pd. Sudhakara Dvivedi.
 Ditto ... Edited by Pd. Radhaballabh Jyotistirtha.
 Lilavati ... Edited by H. C. Banerji.
 *Colebrooke ... Translation of the Lilavati and the Vijaganita and the Chapters on Mathematics in the Brahmasphuta-siddhanta.
 Rekha-ganita of Jagannath of the court of Jaysimha, Vol. I, 1901; Vol. II, 1902. Bombay.
 Smith, D. E. ... Hindu-Arabic Numerals
 Schubert, H. ... Mathematical Essays and Recreations, translated by T. J. McCormack.

(3) *Astronomy.*

Selected text on Astronomy for critical, historical and comparative study:—

- *Suryya-Siddhanta.
 Editions and Translations recommended:—
 Suryya-Siddhanta ... Edited by Pd Bapudev Shastri and Fritz E Hall.
 Ditto ... Translated by Burgess and Whitney (J. Am. Orient Society. Vol. VI).
 Ditto ... Edited by Vijnanananda Swami.

(4) *Astronomy.*

History of Astronomy, with special reference to Jyotisha-Vedanga, Jaina Astronomy, the (modern) Suryya-siddhanta, and to the works of Aryyabhatta I, Varaha Mihira, Brahmagupta, Aryyabhatta II, Munjala, and Bhaskaracharyya.

The following books are recommended:—

- Jyotisha Vedanga ... By "Varhaspatya" (Lala Chhote Lal).
 *Yajusha Jyotisham ... By Pd. Sudhakara Dvivedi.
 Thibaut ... Contributions to the Study of the Jyotisha-Vedanga (J. A. S. B., 1877).
 Ditto ... On the Suryya-prajnapti. (J. A. S. B., 1880).
 *Aryyabhatiyam ... Edited by Dr. Kern.
 *Pancha-siddhantika ... Translated by Dr. Thibaut and Pd. Sudhakara Dvivedi.
 *Kern ... Preface to the Brihat-Samhita of Varaha Mihira (Collected Works, Vol. 4).

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Brahma-sphuta-siddhanta.	Edited by. Pd. Sudhakara Dvivedi.
Maharyya-siddhanta.	
Munjala	... Laghumanasa.
Satananda	... Bhaswati.
*Bhaskara	... Sidhanta Siromani, edited by Pd. Bapudev Shastri.
Ditto	... By Pd. Bapudev Shastri and Wilkinson.
Sudhakara Dvivedi	... Ganaka-tarangini.
Yogesh Chandra Ray	... Amader Jyotish O Jyotishi.
Siddhanta-sekhara of	Jagannath of the Court of Jayimha.
*Bentley, J.	... Hindu Astronomy.
Bailley, J. F.	... Historie de l'astronomie ancienne depuis son origine jurqu'a l'establishment de l'ecole d'Alexandria (1871).
Playfair	... (1) On the Astronmy of the Brahman. ... (2) On the Trigonometry of the Brahmanas. (Collected Works, Vol. III).
*Brennand	... Hindu Astronomy.
*Whitney	... Oriental and Linguistic Studies (Series II, 1875), The twelfth Essay—The Lunar Zodiac, on the views of Biot and Weber respecting the relation of the Hindu and Chinese systems of asterisms : with an addition on Muller's views etc.
Max Muller	... On Ancient Hindu Astronomy and Chronology; (Preface to Rig Veda, Vol. 4)
*Thibaut	... Grundriss der Indo-arischen Philologie, Vol. III, No. 9 Articles in the "Indian Thought" on the History of Indian Astronomy.
Bhau Daji	... Literary Remains.
Tilak	... The Orion.
Do.	... The Arctic Home of the Vedas.
Jones	... Articles on Indian Astronomy, Collected Works Vol. I.
Davis, S.	... On Hindu Astronomy (As. Res, Vol. II).
*Montucla	... Histoire des Mathematiques, Vol. I, Part I, Book 3
Delambre	... Histoire de Astronomie, Vol. I.
Marie	... Histoire des Sciences Mathematiques et Physiques, Vol. II. (The Articles on Aryyabhatta, Brahmagupta, Bhaskara)
Cantor	... Geschichte der Mathematik

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY

PAPERS I AND II.—General Economics.

*A. Marshall	... Principles of Economics
*Taussig	... Principles of Political Economy
Withers	... Business of Finance
*Bastable	... International Trade
Pigou	... Wealth and Welfare
Todd	... Mechanism of Exchange
Bartholomew and Lyde	... Atlas of Economic Geography (for reference)

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

PAPER III.—*General Principles of Political Philosophy*

*Sidgwick	...	Principles of politics
J. S. Mill	...	Liberty
*Ditto	...	Representative Government
*Green	...	Lectures on Political Obligations
*Wiloughby	...	Nature of the State
Hobhouse	...	Social Evolution and Political Theory.
Theory of the State (Oxford Press)		

PAPER IV.—*Public Administration.*

*Lowell	...	Government of England
*Dicey	...	Law of the Constitution
*Bastable	...	Public Finance
Keith	...	Responsible Government in the Dom- nions
Egerton	...	Rise and Growth of British colonies
P. Mukerjee	...	Indian Constitutional Documents
Ayyangar	...	Indian Constitution
Imperial Gazetteer of India—Vol. IV (Administrative)		
Fifth Report of the Select Committee of the House of Commons, 1812		
(Extracts and Documents published by the Calcutta University and Intro- duction to "Early Revenue History of Bengal," by Ascoli)		
Fifth Decennial Report on Moral and Material Progress 1913.		

GROUP A.

PAPER V.—*General History of Economics*

*Haney	...	History of Economic Thought
Gide and Rist	...	A History of Economic Doctrines
Meredith	...	Economic History of England (from the Industrial Revolution)
Cunningham	...	The Progress of Capitalism in England
Lucas	...	Beginnings of English Overseas Enter- prise
*Malthus	...	Population (Selections, Economic Classic Series, Macmillan & Co.)
*Ricardo	...	Political Economy (Selections, Econo- mic Classic Series, Macmillan & Co.)
Adam Smith	...	Wealth of Nations (select Chapters, Economic Classic Series, Macmillan & Co.)

PAPERS VI AND VII

(i) *The History, Theory and Present Systems of Banking and Currency.*

*Conant	...	Principles of Money and Banking
Pierson	...	Principles of Economics Vol. I, Part II (Money)
*Fisher	...	Purchasing Power of Money
*Dunbar	...	History and Theory of Banking
Burton	...	Commercial Crises
*Withers	...	Stocks and Shares
Andreades	...	History of the Bank of England
Layton	...	Introduction to study of Prices

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Marshall's Evidence, Gold and Silver Commission, 1888

Report of the Royal Commission on Indian Currency and Finance, 1914

(ii) *History, Theory and Present Organisation of International Trade.*

* Chapters bearing on the subject in Ricardo, J. S. Mill and Cairness

List	...	National System of Political Economy, Book II
* Pigou	...	Protective and Preferential Import Duties
Giffen	...	The Use of Import and Export Statistics (Essay IX in Vol. I of Economic Inquiries and Studies)
Goschen	...	Foreign Exchanges
P. Ashley	...	Modern Tariff History
Taussig	...	Tariff History of the United States
Bowley	...	England's Foreign Trade in the XIXth century
* Brown	...	International Trade and Exchange
* Taussig	...	Aspects of the Tariff Question
Clare	...	A. B. C. of Foreign Exchange
Marshall	...	White Paper on Tariff Policy

Views of the Government of India on the question of Preferential Tariffs
1904. Ed. 1913
Review of the Trade of India (latest issue)

(iii) *The Theory and Practice of Statistics including Demography.*

* A. L. Bowley	...	Elements of Statistics
* Giffen	...	Economic Inquiries and Studies, 2 vols.
King	...	Statistical Methods
Giffen	...	Statistics
Bowley	...	Measurement of Social Phenomena
Mayo Smith	...	Statistics and Economics
* Yule	...	Introduction to Statistics
Newsholme	...	Vital Statistics
The Jubilee Volume of the Royal Statistical Society		

British and Foreign Trade and Industries, being Memoranda, etc., prepared by the Board of Trade (commonly called the Fiscal Blue Books)

Imperial Gazetteer, Vol. I, Chapter IX and X

Moral and Material Progress of India—(Decennial Edition, 1913)

(iv) *Mathematical Economics.*

* Cunyngname	...	Geometrical Political Economy
* Cournot	...	Mathematical Principles of the Theory of Wealth (Economic Classic Series, Macmillan & Co.)
* Jevons	...	Theory of Political Economy
Marshall	...	Principles of Economics (Mathematical) Appendices
* Pantaleoni	...	Pure Economics
Edgeworth	...	Mathematical Psychics
Wicksteed	...	Alphabet of Economic Science
* Ditto	...	Common Sense of Political Economy

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Articles by Flux, Seager, Chapman, Pigou and Edgeworth* in the *Economic Journal* (bearing on Mathematical Economics)
 Pigou ... Wealth and Welfare

(v) *Elements of Statistics and the Mathematical treatment of Economic Theory.*

Giffen	...	Statistics
Mayo Smith	...	Statistics and Economics
*Yule	...	Introduction to Statistics
*Cunninghame	...	Geometrical Political Economy
*Cournot	...	Mathematical Principles of the Theory of Wealth (Economic Classic Series, Macmillan & Co.).
*Pantaleoni	...	Pure Economics
*Wicksteed	...	Common Sense of Political Economy

GROUP B.

Paper V—General History of Political Philosophy.

Theories of the State contained in—

*Aristotle	...	Politics
*Hobbes	...	Leviathan
*Locke	...	Second Treatise on Government
*Rousseau	...	Social Contract
Kant	...	Principles of Politics (Hastie's translation of the four Essays on Political Theory)
*Bentham	...	Fragment on Government
*Dunning	...	History of Political Theories (a) Ancient and Mediæval (b) From Luther to Montesquien
Burns	..	Political Ideals

Papers VI and VII—Comparative Study of Political Institutions

*Kautilya	...	Arthasastra (translation by Shama Sastri)
Rangaswami Aiyangar	...	Ancient Indian Polity
Pramathanath Banerjea	...	Public Administration in Ancient India
*Aristotle	...	Constitution of Athens (tr. Poste)
Woodrow Wilson	...	Constitutional Government
*Zimmer	...	Greek Commonwealth
*Coulanges	...	Ancient City (tr. Small)
*Warde Fowler	..	The City State of the Greeks and Romans
*Maine	...	Ancient Law
*Sidgwick	...	Growth of European Polity
*Freeman	...	Comparative Politics
*Lowell	...	Governments and Parties in Continental Europe
*Allen	...	Evolution of Governments and Laws
Ogg	...	Governments of Europe
Sidney Low	..	Governance of England

Comparative Study of Social Institutions

Lester ward	...	Dynamic Sociology, Vols I-II
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*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

*Giddings	...	Principles of Sociology
Mayo Smith	...	Sociology, Vol. II
*Tylor	...	Primitive Culture
Fraser	...	Totemism and Exogamy, Vol II
*Mackenzie	...	Introduction to Social Philosophy
C. D. Wright	...	Elements of Practical Sociology
Risley	...	Peoples of India
Gait	...	Census Report for India, 1911
Harold Mann	...	Deccan Village
Gilbert Slater	...	Some South Indian Villages
Durell	...	Fundamental Sources of Efficiency

International Law with reference to existing Political and Economic Institutions

*Hall	...	International Law
*Westlake	...	International Law (Peace and War) 2 vols.
*Higgins	...	Hague Peace Conferences
*Wheaton	...	International Law, edited by Philipson
*Pitt Cobbett	...	Cases on International Law, 2 vols.
*Stowell and Monro	...	International Cases, 2 vols.

Paper VIII—Essay

Groups A and B

Candidates will be required to write an essay on some topic connected with one of the following subjects; the essay must treat the topic chosen by the candidate with special reference to Indian conditions :—

- | | |
|-----------------|----------------------------|
| 1. Famines | 4. Industrial Organisation |
| 2. Co-operation | 5. Currency Problems |
| 3. Railways | 6. Land Systems |

M.A. AND M.Sc. EXAMINATIONS, 1921.

PURE MATHEMATICS

NOTE.—It is to be understood that, in the following list of books, wherever a book is recommended for a subject, students are expected to read those parts of the book only which deal with that particular subject :—

- Higher Algebra—

Chrystal	...	Algebra, Part II, Chapters 23-28, 32-34
Wilczynski and Slaught	...	College Algebra with applications (Allyn & Bacon, New York)
- Higher Plane Trigonometry—

Hobson	...	Plane Trigonometry
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- Spherical Trigonometry—

Casey	...	Spherical Trigonometry
Todhunter	...	Spherical Trigonometry (Ed. Leathem)
- Theory of Equations and Algebra of Quantics—

Burnside and Panton	..	Theory of Equations
Glenn	...	Theory of Invariants (Ginn & Co.)
Elliott	...	Introduction to the Algebra of Quantics

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

5. **Plane Analytical Geometry including Higher Plane Curves—**

Salmon	...	Conic Sections
Do.	...	Higher Plane Curves
Basset	...	Treatise on Cubics and Quantics
6. **Geometry of Surfaces—**

Salmon	...	Geometry of Three Dimensions, 5th Ed. Vol. I, Chapters I-X
Bell	...	Analytical Geometry of Three Dimensions
Forsyth	...	Differential Geometry, Chapter I-V
7. **Differential Calculus—**

Edwards	...	Differential Calculus
Williamson	...	Do.
Goursat	...	Mathematical Analysis, Vol. I (Trans. Hedricks) (Ginn & Co.)
8. **Integral Calculus—**

Williamson	...	Integral Calculus
Todhunter	...	Do.
Goursat	...	Mathematical Analysis, Vol. I (Trans. Hedricks) (Ginn & Co.)
9. **Differential Equations—**

Forsyth	...	Differential Equations
Goursat	...	Mathematical Analysis, Vol. II Part II (Trans. Hedricks) (Ginn & Co.)
10. **Calculus of Variations—**

Byerly	...	Introduction to Calculus of Variations (Harvard University Press)
Bolza	...	Calculus of Variations, Chapters I-III
11. **(a) Theory of Functions—**
 Either of the following alternative courses—

A		
Mac Robert	...	Functions of a Complex Variable (Mac- millan & Co.)
Townsend	...	Functions of a Complex Variable (Henry Holt & Co.)
Goursat	...	Mathematical Analysis, Vol. II Part I (Trans. Hedricks) (Ginn & Co.)
B		
Hobson	...	Theory of Functions of a Real Variable (omitting Chapter III).
Huntington	...	Continuum (Harvard University Press)
- (b) Theory of Groups—**

Miller, Blichfeldt and Dickson	...	Finite Groups (John Wiley & Sons)
Burnside	...	Theory of Groups
Klein	...	Lectures on Icosahedron (tr. Morrice) Part I only
Hilton	...	Finite Groups (Oxford)
Blichfeldt	...	Finite Collineation Groups (Chicago University Press)
Dickson	...	Algebraic Equations

(c) Finite Differences and Calculus of Functions—

Boole	...	Finite Differences
Burn and Bron	...	Ditto
Carmichael	...	Calculus of Operations
Herschel	...	Examples of Calculus of Finite Differences
Babbage	...	Examples of Functional Equations
De Morgan	...	Calculus of Functions

(d) Vector Analysis and Quaternions—

Joly	...	Quaternions
Hamilton	...	Elements of Quaternions (Ed. Joly) Vol. I, Books I-II

(e) Projective Geometry—

Either of the following alternative courses :—

A

Mathews	...	Projective Geometry
Dureil	...	Plane Geometry for Advanced Students Vol. II
Cremona	...	Projective Geometry
Hilbert	...	Foundations of Geometry (trans. Townsend) (Open Court Publishing Co.)

B

Frankland	...	Theories of Parallelism (Cambridge University Press)
Lobachevski	...	Theory of Parallels (trans. Halsted) (Open Court Publishing Co.)
Bolyai	...	Science Absolute of Space (trans. Halsted) (Open Court Publishing Co.)
Bonola	...	Non-Euclidean Geometry (trans. Carslaw) (Open Court Publishing Co.)
Carslaw	...	Non-Euclidean Geometry and Trigonometry
Sommerville	...	Non-Euclidean Geometry
Manning	...	Geometry of Four Dimensions

(f) Theory of Numbers—

Reid	...	Theory of Algebraic Numbers
Mathews	...	Theory of Numbers
Smith	...	Reports on the Theory of Numbers (collected papers, Vol. I, pp. 38—364)
Dedekind	...	Essays on the Theory of Numbers (trans. Beman) (Open Court Publishing Co.)
Huntington	...	Continuum (Harvard University Press)
Cantor	...	Transfinite Numbers (translated by P. B. Jourdain) (Open Court Publishing Co.)

MIXED MATHEMATICS.

NOTE:—It is to be understood that, in the following list of text-books, wherever a book is recommended for a subject, students are expected to read those parts of the book only which deal with that particular subject:—

I. Advanced Statics, including Theory of Potential—

Minchin	...	Statics.
Routh	...	Statics.

2. Dynamics of a Particle—

Besant	... Dynamics.
Routh	... Dynamics of a Particle.

3. Rigid Dynamics—

Routh	... Elementary Rigid Dynamics.
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4. Hydrostatics, including Capillarity—

Besant and Ramsey	... Hydromechanics, Part I (Hydrostatics)
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5. Hydrodynamics—

Houstoun	... Mathematical Physics, chapter II.
Besant and Ramsey	... Hydromechanics, Part II.
Lamb	... Hydrodynamics.

6. Spherical Astronomy—

Ball	... Spherical Astronomy.
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7 (a) Theory of Elasticity—

Love	... Theory of Elasticity, (2nd edition).
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Candidates are also recommended to refer to—

Todhunter and Pearson	... History of Theory of Elasticity.
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(b) Advanced Dynamics—

Whittaker	... Analytical Dynamics.
A. C. Webster	... Dynamics.
Routh	... Advanced Rigid Dynamics.
Hertz	... Principles of Mechanics.

(c) Higher Parts of Spherical Astronomy—

Chauvenet	... Spherical Astronomy.
Newcomb	... Spherical Astronomy.

(d) Lunar and Planetary Theories—

Adams	... Lectures on Lunar Theory.
Darwin	... Lectures on Lunar Theory (Scientific papers, Vol. V.)
Airy	... Mathematical Tracts.
Brown	... Lunar Theory.
Cheyne	... Planetary. Theory.
Moulton	... Celestial Mechanics.
Plummer	... Dynamical Astronomy.

(e) Figure of the Planets—

Todhunter	... History of the Theory of Attraction and the Figure of the Earth.
Thomson and Tait	... Natural Philosophy.
Airy	... Mathematical Tracts.
Airy	... Figure of the Earth (Enc. Metr.)
Clark and Radau	... Figure of the Earth (Enc. Britt.)
Pratt	... Figure of the Earth.

(f) Theory of Tides—

Basset	... Hydrodynamics.
Love	... Geodynamics.
Airy	... Tides and waves. (Enc. Metr.)
Darwin	... Tides and Kindred Phenomena (Murray).
Darwin	... Tides (Enc. Britt.)
Darwin	... Scientific Papers

M.A. & M.Sc. TEXT-BOOKS, 1921.

- (1) The Tides. (Vol. IV, pp. 185-263.)
- (2) The Dynamical Theory of the Tides (Vol. I, 347-365.)
- (3) The Dynamical Theory of the Tides of Long Period. (Vol. I, pp. 365-371).
- (4) On the Correction to the Equilibrium Theory of Tides for the Continents. (Vol. I, pp. 328-339.)
- (5) The Harmonic Analysis of Tidal Observations (Vol. I, pp. 1-69.)
- (6) The Harmonic Analysis of Tidal Observations of High and Low water. (Vol. I, pp. 157-181.)
- (7) On Tidal Prediction. (Vol. I, pp. 258-291).
- (8) On the Disturbance of the Vertical near the Coasts of Continents due to the Rise and Fall of the Tide. (Vol. I pp. 450-458.)
- (9) Evaluation of the Rigidity of the Earth from the Tides of Long Period. (Vol. I, pp. 340-346.)
- (10) On the Bodily Tides of Viscous and Semi-elastic Spheroids and on the Ocean Tides upon a Yielding Nucleus. (Vol. III, pp. 1-33.)
- (11) Problems connected with the Tides of a Viscous Spheroid (Vol. III, pp. 140-194.)

PHYSICS.

No text-books are prescribed or recommended. The students are required to consult their Professors as to a suitable course of reading which should include the study of original papers.

CHEMISTRY.

(In addition to the books recommended for the B.A. and B. Sc. Pass and Honours Courses.)

(A) PHYSICAL CHEMISTRY.

Ostwald Walker	... Physico-Chemical Measurements.
Spencer	... Practical Physical Chemistry (Two volumes).
Findlay	... Practical Physical Chemistry.
Nernst (trans, by Tizard)	... Theoretical Chemistry.
Lewis	... System of Physical Chemistry.
Findley	... Osmotic Pressure.
Mellor	... Chemical Dynamics and Reactions.
Findlay	... The Phase Rule.
Leblance or Arrhemeus	... Electro-Chemistry.
Vant' Hoff	... Lectures on Theoretical and Physical Chemistry.
Travers	... Study of Gases.
Rutherford	... Radio-Active Substances and their transformations.
Sackur	... Thermo-Chemistry and Thermo-Dynamics.
Ostwald	... Outlines of General Chemistry.
E. C. Baly	... Spectroscopy.
S. Young	... Stoichiometry.
W. W. Taylor	... The Chemistry of Colloids.

(B) INORGANIC CHEMISTRY.

Biltz	... Inorganic Preparations.
Myer	... History of Chemistry.
Sutton	... Volumetric Analysis.
Hempel	... Gas Analysis.

Treadwell and Hall	... Analytical Chemistry, Vols. I and II.
Roscoe and Schorlemmer	... Treatise on Chemistry, Vols. I and II.
F. M. Perkin	... Practical Methods in Inorganic Chemistry.
Werner	... New Ideas in Inorganic Chemistry.
Stewart	... Recent advances in Inorganic and Physical Chemistry.

(C) ORGANIC CHEMISTRY.

Emil Fischer	... Organic Preparations.
Richter	... Organic Chemistry.
Gattermann	... Practical Organic Chemistry.
J. Cohen	... Advanced Organic Chemistry.
Sudborough	... Practical Organic Chemistry.
Clarke	... Identification of Organic Compounds.

Candidates for the M.A. or M.Sc. Examination are required to consult original papers in the Chemical Society's Journals and other scientific periodicals and also to consult the Annual Reports issued by the Chemical Society on the "Progress of Chemistry" in connection with the special subject taken up by them.

BOTANY.

No text-books are prescribed. The subject is to be read in accordance with the prescribed Syllabus.

PHYSIOLOGY.

No text-books are prescribed.

In Section 7, Chapter XXXVII of the Regulations, in first paragraph of the Syllabus in Physiology for the M.Sc. Examination, the expression "a particular branch" be interpreted to mean one of the following branches:—

1. Circulation and Respiration.
2. Alimentation and Metabolism.
3. Physiology of the Nervous System and the Organs of Sense.
4. Nerve and Muscle Physiology.
5. Histology and Reproduction.

The four theoretical papers in Physiology be distributed so as to cover the following subjects:—

Paper I. Circulation, Respiration, Alimentation, Metabolism, and Reproduction compulsory to all candidates)

Paper II. Nervous System and Muscular System. (Candidates offering a piece of research work falling under the head of "Organs of Sense" will be exempted from this paper).

Paper III. Organs of Sense. (Candidates offering a piece of research work falling under any of the following heads—Circulation, Respiration, Alimentation, Metabolism, Reproduction, Nervous System, Muscular System, and Histology, will be exempted from this paper)

Paper IV. The branch of Physiology professed by the candidate for special study.

The Practical Examination will include—

Paper I. Experimental Physiology. (Candidates offering research work falling under the head of Histology or Chemical Physiology will be exempted from this paper).

Paper II. Histology. (Candidates offering research work falling under the head of Chemical Physiology will be exempted from this paper.)

Paper III. Chemical Physiology.

Paper IV. Candidate's special subject.

GEOLOGY.

No text-books are prescribed or recommended. The subject is to be studied in accordance with the Syllabus prescribed in the Regulations.

EXPERIMENTAL PSYCHOLOGY.

Paper I.—Physiological Psychology.

Lickley	...	The Nervous System.
Greenwood	...	Physiology of the Special Senses (Selections).
Wundt	...	Physiological Psychology (Selections).
Ziehen	...	Physiological Psychology.
Titchner	...	Text Book of Psychology.
Myers	...	Text Book of Experimental Psychology.
Kulpe	...	Outlines of Psychology.
Wundt	...	Outlines of Psychology.
James	...	Principles (Selections).
Stout	...	Analytic Psychology (Selections).
Ladd and Woodworth	...	Elements of Physiological Psychology (Selections).
Rand	...	Classical Psychologists

Paper II.—Abnormal Psychology.

Mercier	...	Text Book of Insanity.
Binet	...	Alternation of Personality
Sidis	...	Psychology of Suggestion.
Sidis and Goodhart	...	Multiple Personality.
Prince	...	Dissociation of Personality
Do	...	The Unconscious.
Jung	...	Analytical Psychology.
Freud	...	Interpretations of Dreams.
Do	...	Hysteria and other Psychoneurosis.
Hitschmann	...	Freud's Theory of Neurosis.

Paper III.—Animal Psychology.

Holmes	...	Evolution of Animal Intelligence.
Lloyd Morgan	...	Comparative Psychology.
Washburn	...	Animal Mind.
Thorndike	...	Animal Intelligence (Selections).
Loeb	...	Comparative Anatomy of the Brain and Comparative Psychology (Selections.)
Romanes	...	Animal Intelligence.
Hobhouse	...	Mind in Evolution.

Paper IV.—Child Psychology.

Tredgold	...	Mental Deficiency.
Preyer	...	Mind of the Child, 2 vols.
Pyle	...	Educational Psychology.
Foerbel	...	The Education of Man.
Montessori	...	Handbook.
Thorndike	...	Educational Psychology.
Tracy	...	Psychology of Childhood.
Practical work—		
Myers	...	Text Book of Experimental Psychology Vol. II.

Titchener	... Student's Manual—Qualitative and Quantitative
Sanford	... Experimental Psychology.
Whipples	... Physical and mental tests.

M. A. EXAMINATION, 1922.

English

Common Papers for Groups A and B.

Paper I—General History of English Literature.

(No text-books.)

Paper II.—Drama.

Shakespeare	.. King Lear.
Aristophanes	.. Clouds, Tr. Rogers (George Bell & Sons.)
Calderon	... Such Stuff as Dreams are made of, or Life is a Dream Tr. Fitzgerald (Macmillan, Eversley Series).

Paper III—Poetry.

Dryden	.. Virgil's Aeneid, Books I and VI.
Milton	.. Paradise Lost Books V and VI
D. G. Rossetti	.. The Early Italian Poets Dante and his Circle (Dante Alighieri only).

Paper IV.—Prose

Plato	.. Trial and Death of Socrates (G. T. S. Macmillan)
Gibbon	.. Decline and Fall of the Roman Empire, Chapters I—III.
Ruskin	... Seven Lamps of Architecture

GROUP A

Paper V.—(a) Chaucer and (b) Outlines of Historical English Grammar.

(a) Chaucer	.. The Prologue to the Canterbury Tales; Nonne Preestes Tale and Frioresses Tale
(b) Otto Jespersen	.. Growth and Structure of the English Language (Trübner, Leipzig 1912).
Classen	.. History of the English Language (Macmillan.)

Paper VI.—Selected Period of Poetry.

Early Nineteenth Century Poetry (1798-1832)

The undermentioned authors are recommended for special study in their chief works as specified below; but candidates will not be expected to show a detailed knowledge of the texts named—

Wordsworth	... Prelude, Books I, XII, XIII; Excursion, Book I; Selections by Mathew Arnold (Golden Treasury Series).
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- Coleridge ... Selections by Stopford A. Brooke
(Golden Book of Coleridge).
Byron ... Vision of Judgment; Selections by
Matthew Arnold (Golden Treasury
Series).
Shelley ... Prometheus Unbound; Selections by
Stopford A. Brooke (Golden Treasury
Series).
Keats ... Hyperion; Eve of St. Agnes; Lamia.
Golden Treasury of Songs and Lyrics, edited by Palgrave, Book IV.
Selections from English Poets, edited by Ward, Volume IV.

Paper VII.—Selected Period of Prose.

Early Nineteenth Century Prose (1798-1832).

The undermentioned authors are recommended for special study in their chief works as specified below; but candidates will not be expected to show a detailed knowledge of the texts named :—

- Wordsworth .. Prefaces and Appendices (Oxford
Edition).
Scott .. Talisman; Old Mortality; Kenilworth.
Coleridge .. Biographia Literaria, omitting Chapters
5—9 and 12.
Lamb ... Essays of Elia
Landor ... Selections by Sidney Colvin (Golden
Treasury Series).
Jane Austen ... Pride and Prejudice
Hazlitt .. English Literature, edited by Zeitlin
(Oxford University Press).
De Quincey ... Confessions of an Opium Eater.
Shelley ... Defence of Poetry.

Paper VIII.—Essay or Essays on Subjects connected with the course.

Group B.

Paper V.—English Language and Literature prior to 1100 A.D.

- Sweet ... An Anglo-Saxon Reader, Part I, omit-
ting pieces III, XI, XII, XIII XXIV
XXVII, XXVIII, XXXI (pieces
E—M.), XXXII (8th Edn.
Clarendon Press, Oxford).

*Paper VI.—English Language and Literature from 1100 A.D. to 1500 A.D.
including Chaucer.*

- Chaucer ... Canterbury Tales—Prologue; Knightes
Tale; Clerkes Tale; Monkes Tales
Nonne Preestes Tale; Squires Tales
Prioresses Tale; Parlement of
Foules.
Cook, A. S. ... A Literary Middle English Reader (Ginn
& Co.), omitting "Religious and
Didactic Pieces" and "Plays."

The unseen passages set in this paper will be restricted to portions of Chaucer, Gower and Langland not included in the set texts.

Paper VII.—Historical English Grammar (including the Elements of Teutonic Philology).

Books recommended for study—

Wright, J. and E. M.	... Old English Grammar (Oxford University Press).
Wyld, H. C.	... A Historical Study of the Mother Tongue (Murray)
Ditto	... A Short History of English (Murray).
Greenough & Kittredge	... Words and their 'Ways in English Speech (Macmillan).

SANSKRIT.

The course shall include the following.—

(The books prescribed for the first four papers are common to all the groups)

Paper I.—(a) Ashtaka I of the Rigveda with Sayana's commentary thereon.

(b) Sayana's Instruction to his commentary on the Rigveda.

Paper II.—Siddhanta-Kaumudī (whole)

Paper III.—(a) and (b) Elements of Comparative Philology with special reference to the Indo-Iranian Languages and the growth of the Prakritic dialects. The following books are recommended:—

Breal, M.—Semantics (Translated by Mrs Cust) (Heinemann).

Edmonds, J. M.—Comparative Philology (omitting ch ix).

Macdonnell, A. A.—Vedic Grammar for Students (Oxford).

Strong, H. A., Logemann, W. S. and Wheeler, B. T.—Introduction to the study of History of Language (Longmans).

Sweet, H.—The History of Language (Dent).

Tucker, T. G.—Introduction to the Natural History of Language (Blackie).

Uhlenbeck, C. C.—A Manual of Sanskrit Phonetics (Luzac).

Whitney, W. D.—Sanskrit Grammar (Trübner).

*Encyclopædia Britannica 11th Edition). The Article on Philology.

Hastings' Encyclopædia of Religion: The article on Aryan Religion.

*Gune ... Introduction to Comparative Philology (Poona)

*Sambdasaktiprakashika ... Karikas, Nos 2 3. 4, 12—14, 16—18, 20, 29, 31 33, 54, 56, 58, 60, 61, 67 and 95.

Paper IV.—Two essays—(a) Dealing with some subject connected with the History of Sanskrit literature generally, (b) dealing with some subject connected with the history of the special department covered by the group taken up

Paper V, VI, VII and VIII.—One of the following groups to be selected by the candidate:—

A —Literature.

Paper V.—(a) Poetry Texts:—

Naishadha Charita ... Canto I with commentary.

Kamandakiya Nitisara (Jibananda's edition) Chapters 8, 9, 10 and 11 (Pages 37—62).

Sukra Nitisara ... (Jibananda's edition), Chapter 4 (pages 507—670).

Mahabharata ... Rajadharma, Santiparva. Chapters 56—60, 68, 69, 86—88 (Pratap Ray's edition).

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Bharavi ... Cantos 13, 14, with Mallinatha's commentary,
(b) Translation from English into Sanskrit.

Paper VI—(a) Drama Texts : Vikramorvasi, Mrichchhakatika. Venisanhara Mahaviracharita, Karpuramanjari ; Vararuchi's Prakrita Prakasa as is necessary for the appreciation of the Prakrit passages.

(b) Translation from English into Sanskrit

Paper VII.—(a) Prose Texts . Vasavadatta, Harshacharita, Chapters 5 and 6.

(b) Unseen passages in Sanskrit Prose for translation into English.

Paper VIII—(a) Rhetoric and Prosody, namely, *Uvavyaprakasa*, *Ekavali Sarasvati Kanthabharana*, *Sahitya-darpana* and *Chhandomanjari*.

(b) Unseen passages in Sanskrit Poetry for translation into English.

B—Vedas.

Paper V.—Yaska's Nirukta and Pingala's Chhandahsutrās with Halayudha's Vṛiti ; Pratisakhya of the Rīgveda with the commentary of Uvata.

Paper VI.—(a) Aitareya Brahmana with Sayana's commentary.

(b) Simple unseen passages in Vedic Sanskrit for translation into classical Sanskrit.

(The interpretation of any recognised Indian School will be accepted.)

Paper VII—(a) Brihadaranyaka, Chapters III and IV. Chhandogya, Chapters V, VI, VII and VIII.

(b) Simple unseen Sanskrit passages from any Upanishad for translation into English.

Paper VIII.—(a) Grihya-Sotra—Gobhila with commentary.

(b) Translation from English into Sanskrit.

C.—Mīmāṃsā and Smṛiti.

Paper V.—(a) Mīmāṃsā Sūtra with Sabara Bhashya, first three chapters.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Mīmāṃsā Philosophy, such as the *Sloka-Vartika* and the *Tantra-Vartika* for translation into English.

Paper VI—(a) Jāminia Nyaya Mala Vistara and Mīmāṃsā Nyay-prakasa.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Mīmāṃsā Philosophy, such as the *Mīmāṃsā-Balaprakasa*, and the *Tuṭṭika* for translation into English.

Paper VII—(a) Manu Samhita with Kulluka's commentary.

Dharma Sūtras of Apastamba and Gautama with Haradatta's commentary.

(b) Grihya-Sūtra—Gobhila.

Paper VIII. (a) Yajñavalkya Samhita with Vijnanesvara's Mitakshara—Parasara's Institutes with Madhava's commentary.

(b) Translation from English into Sanskrit.

D.—Vedānta.

Paper V.—(a) Vedāntasara (Jacob's edition), Panchadasi, Vedānta Paribhasha, Hastamaika (with commentary), and Siddhantaśesa.

(b) Simple unseen Sanskrit passages from any work on Vedānta Philosophy, such as the *Vivaraṇaprameya-Sangraha* for translation into English.

Paper VI—(a) Vedantasutras with Sankara Bhashya.

(b) Translation from English into Sanskrit.

Paper VII—(a) Sribhashya—Chapter I, Part I.

(b) Advaita-Brahma-Siddhi.

Paper VIII—(a) Bhagabadgita, Chhandogya, ch. VI, Brhadarankya, ch. III, IV; Katha and Mandukya Upanishads with Sankara's commentary.

(b) Passages for translation into English from the Anubhashya and the Saivabhashya.

E.—Sankhya and Yoga.

Paper V—(a) Sankhyasutra of Kapila with Vritti of Aniruddha; Sankhya-Karika of Isvarakrishna with Bhashya of Gaudipada.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Sankhya Philosophy for translation into English.

Paper VI—(a) Sankhya Pravachana Bhashya, Sankhya-Sara; and Sankhya-Tattva Kaumudi

(b) Translation from English into Sanskrit.

Paper VII—(a) Yoga Sutras of Patanjali with Bhashya of Vyasa and Vritti of Bhoja; Yoga Varttika of Vijñāna-Bhikṣu.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Yoga Philosophy for translation into English.

Paper VIII—(a) Yoga Vasishtha, Chapter on Nirvana, Part II, Sarvadarsana-Sangraha

(b) Translation from English into Sanskrit.

F.—Nyaya and Vaisheshika

Paper V—(a) Nyaya Sutras of Gautama with the Bhashya of Vatsyayana's Varttika of Udyotkara and Vritti of Visvanatha.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Nyaya Philosophy for translation into English.

Paper VI—(a) Nyayamanjari of Jayanta Bhatta. Khandanakhandakhadya of Sriharsha, Chapter I.

(b) Translation from English into Sanskrit.

Paper VII—(a) Bhasha Parichcheda, Siddhanta-muktavali, Kusumanjali of Udayanacharya, with commentary of Ruchidatta and gloss of Vardhamana

(b) Translation from English into Sanskrit.

Paper VIII—(a) Vaisheshika Sutras of Kanada, with Bhashya of Prasastapada, Nyayakandali of Sridara, and Vritti of Jaynarayana, Saptapadarthi of Sivaditya with commentary of Yatindra-madhava.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Vaisheshika Philosophy for translation into English.

G.—General Philosophy

Paper V—(a) Sankhyasutras of Kapila with Vritti of Aniruddha; Sankhya-Tattva Kaumudi; Yogasutras of Patanjali with the Bhashya of Vyasa and Vritti of Bhoja

(b) Simple unseen Sanskrit passages from any work on Philosophy for translation into English.

Paper VI—(a) Nyayasutras of Gautama with Bhashya of Vatsyayana and Vritti of Visvanatha. Vaisheshikasutras of Kanada with Bhashya or Prasastapada and Nyayakandali of Sridhara.

(b) Translation from English into Sanskrit

Paper VII.—(a) Vedantasara (Jacob's edition), Bhagavadgita, Vedantasutras Sankara's commentary, Chapter I, Parts I and IV, Chapter II, Part II.

(b) Translation from English into Sanskrit.

Paper VIII.—(a) Nyayaratnamala of Prathasarathi Misra; Mimanasa Nyaya Prakasa of Apodeva. Upanishads—Isa, Kena, Katha, Prasna, Munda, Mandukya and Svetasvatara, with Sankara's commentary

(b) Simple unseen Sanskrit passages from any work on Philosophy for translation into English.

H.—Prakrit.

Paper V.—(a) Prasna Vyakarana and Vipakasutra.

(b) Translation from English into Sanskrit (or Prakrit, at the option of the candidate)

Paper VI.—(a) Prakrit portions of the following dramas:—

Sakuntala, Vikramorvasi, Malavikagnimitra, Uttarachrita, Malatimadhava, Mahavira-Charita, Mrichchhakatika, Mudrarakshasa, Ratnavali, Karpuramanjari, Venisanhara.

(b) Translation from Sanskrit into Prakrit.

Paper VII.—(a) Setubandha, Gaudavaha, Kumarapalacharita, together with a general knowledge of Prakrita Pangala

(b) Simple unseen passages in Prakrita for translation into English.

Paper VIII.—(a) Prakrit Grammar as in Vararuchi's Prakrita Prakasa (Cowell), Chanda's Prakrita Lakshana (Hoernle), Hemchandra (Pischel).

Candidates are also expected to be familiar with the substance of Hoernle's Grammar of the Gaudian languages.

(b) Simple unseen passages in Prakrit for translation into Sanskrit.

I.—Epigraphy and History.

Paper V.—(a) Rajatarangini and its continuation with Stein's introduction and commentary.

(b) Unseen passages in Sanskrit for translation into English.

Paper VI.—(a) Inscriptions of Asoka.

(b) Early Indian Alphabets.

Paper VII.—*Epigraphia Indica*—

Volume	I. Inscriptions Nos. 1, 8, 11, 13, 3.
"	III. Nos. 8 and 17.
"	IV. No. 34.
"	V. Nos. 2 and 19.
"	VI. Nos. 1 and 14.
"	VII. No. 6.
"	IX. No. 31.
"	X. No. 15.
"	XII. Nos. 8 and 18.

Fleet—Corpus Inscriptionum—Nos. 1-18, 33-37.

Prachina Lekhamala—Lekhas 69, 79, 80, 85, 92, 111 and 118.

Paper VIII.—(a) Ancient Geography of India.

(b) Translation from English into Sanskrit.

PALI.

COMPULSORY PAPERS

Paper I.

(a) Digha Nikaya (P. T. S) :—
Brahmajala-Suttanta

Samaññaphala-Suttanta.

Sigalovada.

Ambattha Sutta.

(b) Majjhima-Nikaya (P. T. S.), Vol. I—Suttas, 1-15.

(c) Samyutta-Nikaya (P. T. S.), Vol. I, pp. 1-102.

(d) Anguttara-Nikaya—Pancakanipata (P. T. S.), pp. 1-110.

Paper II.

(a) Mahavagga of the Vinaya Pitaka (P. T. S.), pp. 1-156.

(b) Bhikkhu Patimokha (P. T. S.).

(c) So-sor-thar-pa, by Mahamahopadhyay Dr. Satischandra Vidya-bhushana.

Paper III.

Kaccāyana—Pali Grammar.

Vuttodaya—ed. C. A. A. Silakkhanda. (Nirnaya Sagara Press, Bombay.)

Vararuchi—Prakrita Prakasa.

R. G. Bhandarkar—Wilson Philological Lectures (Bombay).

Morris—Notes and Queries on Pali words (J. P. T. S.), 1885-87.

Satischandra Vidyabhushan—Grimm's Law. (Calcutta.)

Gune—Comparative Philology. (Poona).

Paper IV.

Rhys Davids—Buddhist India.

Rhys Davids—American Lectures.

Mrs Rhys Davids—Buddhism.

Kern—Manual of Buddhism.

Spence Hardy—Manual of Buddhism

Oldenberg—Buddha.

Hœrle—Manuscript Remains of Buddhist Literature found in the Eastern Turkestan, Vol. I. (The translation and the notes only.)

Beale—Buddhist Literature in China.

Hackmann—Buddhism as a Religion.

Group A.—Literary.

Paper V.

(a) Kulagaka-jataka 31 (Fausboll).

Cullabodhi-jataka (443).

Temiya-jataka (538).

Mahasutasoma-jataka (537).

Dasaratha-jataka (461).

Ghata-jataka (454).

Devadhamma-jataka (6).

(b) All the Jatakas referred to in Bharaut sculptures so far as they have been identified (Rhys Davids' Buddhist India, p. 209).

(c) Petavatthu (P. T. S.), pp. 1-43.

(d) Introduction to Rhys Davids' Buddhist Birth Stories.

Paper VI.

Theri-Gatha with Pramatta-dipani (first half).

Thera Gatha (second half).

Suttanipata—Ed. Fausboll (pp. 1-99).

Visuddhimagga (Calcutta Buddhist Text Society).

Puggalapannatti (P. T. S.).

Milindapanho (*Mendakapatha* only pp. 90-188).

Paper VII.

1. Inscriptions of Asoka (Senart and Bühlar)
2. Piprahwa Stupa Inscription (as in Luder's List of Brahmi Inscriptions No. 931)
3. Bharaut Stupa Inscriptions (as in Luder's List, Nos 678-933).
4. Sanchi Stupa Inscriptions (as in Luder's List Nos. 161-568).

Group B.—Philosophy

Paper V.

Dhammasangani

Tikapattthana.

Kathavathu (P. T. S.), Vol I, pp. 1-103

Paper VI

Abhidhammattha Sangaha.

Netti

Abhidhammavataṇa

Paper VII.

Atthasālini (P. T. S.), pp. 1-136.

Vibhaṅga (P. T. S.), pp 1-100

Dhātukatha P. T. S., pp 1-100

Group C.—Epigraphy and History.

Paper V.

Mahāvamsa (Chs. 21-37, Geiger's edition).

Sasanavamsa (P. T. S.).

Dathavamsa (P. T. S.)

Paper VI.

Inscriptions of Asoka.

Hathigumpha Inscription of Kharavela

Ramgarh Cave Inscriptions

Paper VII.

(a) Inscriptions of the Kshaharata and Satavahana Dynasties.

(b) Inscriptions of the Imperial Guptas

Paper VIII.

Cunningham—Ancient Geography of India.

Reports of the Archaeological Survey of India about Taxilla and Isipatana.

Yün Chwang (Watters, 2 vols).

Group D — Mahayana Literature and Philosophy.

Paper V.

Lalitā Vistara

Asvaghosha's Buddhacarita

Paper VI.

Madhyamika Sutra with Vṛtti of Chandrakīrti

Lankavatara Sutra (Calcutta Buddhist Text Society)

Sūtralankara of Asanga, edited by Sylvain Levi.

Paper VII.

Nyayabindu Tika of Dharmottara (A. S. B.).

Sarvadarśanasangraha (portion dealing with Buddhism).

Mediæval School of Indian Logic (Buddhist Logic only), by Mahamahopadhyay Dr. Satishchandra Vidyabhushan.

Paper VIII.

Thibaut—Sanskrit Grammar.

Macdonell—Sanskrit Grammar.

ARABIC.

Kitābu'l Aghāni, Vol. IV.—

(a) from middle of page 17 to middle of page 34 ;

(b) from page 74 to page 98.

Yatimatu'd-Dhar, Vol. IV—Al-Babu'l-Khāmis fi dhikr-i-Abi'l-Fidli'l-Hamadāni, pages 167-204.

Qur'ān with the Kashshāf by Zamakhshari—the whole of Sūratu'l Imrān.

Mishkātu'l-Ma'ābiḥā—

(a) Kitābu'l-Imārat-i-Waḥ-Qāḍā'i.

(b) Kitābu'l-Adab.

Ishārāt by Avicenna : Al-Vamatu't-Tasi and Al-Namatu'l-'Ashir.

Futūḥu'l-Buldān by Balādhiri, pages 152-240.

Mufasssal by Zamakhshari—from the beginning of the book up to the end of the Balṭh Ismi-i-Mu'rab.

Fara'id by Mullā Maḥmud Jawnpūri. Ilmu. 'l-Ma'āni—from the beginning of the Muqaddima up to the end of the *Naw-i-Awwal* of the *Fann i-thāni*.

Students are recommended to consult the following books :—

De Sacy	...	Grammaire Arabe.
Ditto	...	Anthologie Grammaticale Arabe.
Wright	...	Grammar of Arabic Language.
Howell	...	Grammar of Classical Arabic Language.
Wright	..	Lectures on the Comparative Grammar of the Semitic Languages.
Nuldeke	...	Semitic Languages (Ency Brit, XXIV, 617).
Mehren	...	Rhetorik Araber.
Cheikho and Edde	...	Ilm-al-Adab.
St. Guyard	...	Theorie nouvelle de la Metrique Arabe (Jour. Asiat., 1876).
Hartmann	...	Metrum and Rhythmus.
De Goeje and Thatcher	...	Arabic Literature (Ency. Brit. II, 271).
Wallace and Thatcher	..	Arabic Philosophy (Ency. Brit, II, 2-6).
De Boer	...	History of Philosophy in Islam—tr. Jones.
Huart	...	History of Arabic Literature.
Arbuthnot	...	Arabic Authors.
Nicholson	...	Literary History of the Arabs.
Browne	...	Literary History of Persia, Vol. I.
Cambridge Mediæval History, Vol II, Chapters 10-12.		
Gibbon	...	Decline and Fall of the Roman Empire, Chapters 50-52, 56-59, 64, 65, 67, 68.
Ameer Ali	..	History of the Saracens.
De Goeje	...	Caliphate (Ency. Brit. V., 23).
Hitti	...	Origins of the Islamic State (Columbia University.)

Well	... History of Islamic People—tr. Khuda Buksh.
Goldziher	... Mohammad and Islam—tr. Seelye (Yale University Press).
Von Kremer	... History of Islamic Civilization—tr. Khuda Buksh.
Macdonald	... Development of Muslim Theology, Jurisprudence and Constitutional Theory.
Ibn Khaldun	... Prolegomena—tr. Slane.
Horgounje	... Mohammedanism.
Ameer Ali	... Spirit of Islam.
Elphinstone	... History of India (Mahomedan Period).

PERSIAN.

Poetry.

- The Hadiqa of Sanai (Nawal Kishor edition, 1887), Chapters I and V.
 The Maṭīqu-t-Tair, of 'Attar, from the first Maqāla to the last (Paris edition, 1857, or any other edition).
 The Diwān of Nāsir-i-Khudraw (Bombay edition).
 The Qasā'id of Zahid Fāryābī—All the Persian Qasidas (Nawal Kishor or any other edition).

Prose.

- The Tazkira of Dawlat Shāh.
 The Tazkira of 'Awfi. Part II (London edition).
 The Kimiyā-i-Sa'ādat of Ghazzālī (page 1-50).
 The Durra'-i-Nādira (Bombay edition), omitting the Dibācha.
 The Hada'iq-i-Balāghat—the first two Hadiqas.
 Arabic Prose—The Prose Selection prescribed for B.A. Pass Course.

Students are recommended to consult the following books:—

Ethe	... Persian Language and Literature. (Ency. Brit. XXI, 246).
Ouseley	... Biographical Notices of Persian Poets.
Arbutnot	... Persian Portraits.
Browne	... Literary History of Persia.
De Boer	... History of Philosophy in Islam—tr. Jones.
Platts and Rankin	... Grammar of Persian Language.
Ibrahim	... Persian Grammar.
Forbes	... Persian Grammar.
Phillot	... Higher Persian Grammar.
Geiger and Kuhn	... Grundriss der Iranischen Philologie.
Darmesteter	... Etudes Iraniennes.
Ditto	... Origines de la poesie Persane.
Glabwin	... Rhetoric, Prosody and Rhyme of the Persians.
Blochmann	... Prosody of the Persians.
Ruckert	... Grammatik, Poetik and Rhetorik der Perser.
Azad	... Sukhandn-i-Fars.
Cambridge Mediæval History	... Vol. II, Chapters 10-12.
Gibbon	... Decline and Fall of the Roman Empire, Chapters 50-52, 56-59, 64, 65, 67, 68.
De Goeje	... Caliphate (Ency. Brit., V. 23).
Hitti	... Origins of the Islamic State (Columbia University Press).
Goldziher	... Mohammed and Islam—tr. Seelye (Yale University Press).
Von Kremer	... History of Islamic Civilization—tr. Khuda Buksh.

Well	...	History of Islamic Peoples—tr. Khuda Buksh.
Macdonald	...	Development of Muslim Theology, Jurisprudence and Constitutional Theory.
Ibn Khaldun	...	Prolegomena—tr. Slane.
Horgounje	...	Mohammedanism.
Ameer Ali	...	Spirit of Islam.
Ditto	...	History of Saracens.
Elphinstone	...	History of India (Mahomedan Period).

COMPARATIVE PHILOLOGY.

Paper I.

Jackson, A. V. W.	...	Philology (A pamphlet published by the Columbia University Press)
Gune, P. D.	...	Introduction to Comparative Philology (Oriental Book Supply Agency, Poona), pp. 1-159.
Sweet, H.	...	History of Language (Dent)
Giles, P.	...	Manual of Comparative Philology (Macmillan), Paras 1-65.
Encyclopædia Britannica, 11th Edition	...	Articles on <i>Grammar, Philology and Significs</i> .
Stout, G. F.	...	Manual of Psychology, 3rd Edition (London University Tutorial Press), Book IV, Chapter V.
Tucker, T. G.	...	Introduction to the Natural History of Language (Blackie). Chapters 1, 4 to 10 and 16.
Oertel, H.	...	Lectures on the Study of Language (Yale University), Lectures 1 to 3 and 5.
Strong, H. A, Logeman, W. S, and Wheeler, B. I.	...	Introduction to the Study of the History of Language (Longmans), Chapters 1, 2, 4, 5, and 9 to 15.
Delbruck, B.	...	Introduction to the Study of Language—translated by Humboldt (Ginn).
Belvalkar, S. K.	...	Systems of Sanskrit Grammar (Oriental Book Supply Agency, Poona).
Greenough and Kittredge	...	Words and their ways in English Speech (Macmillan).

Paper II.

Tucker	...	Chapters 2, 3 and 12 to 16.
Oertel	...	Lecture 4
Strong, Logeman and Wheeler	...	Chapters 3 and 11.
Noël-Armfield, G.	...	General Phonetics (Heffer).
Uhlenbeck, C. C.	...	Manual of Sanskrit Phonetics (Luzac).
Macdonnell, A. A.	...	A Vedic Grammar for Students (Oxford) Paras. 1-69.
Whitney, W. D.	...	Sanskrit Grammar (Trübner). Paras. 1-260 and 591-98, (3rd edition to be used).
Jackson, A. V. W.	...	Avesta Grammar (W. Kohlhammer, Stuttgart, Paras 1-218.
Wright, J.	...	A Comparative Grammar of the Greek Language (Oxford), Paras. 28-232. (The portions not dealing with Sanskrit may be omitted).

- Encyclopædia Britannica ... Articles on *Accent, Alphabet, Phonetics and Writing*.
 Giles ... Paras. 66-115, 130-81 and 249-65.
 Clodd, E. ... Story of the Alphabet (Geo. Newnes).
 Majumder, Surendranath ... Syllabus of a Course of Lectures on Indian Palæography (Calcutta University).
 Bhandarkar, D. R. ... *Antiquity and Origin of the Old Indian Alphabet* in Carmichael Lectures, Series II (Calcutta University).

Paper III.

- Strong, Logeman and Wheeler ... Chapters 19 and 20.
 Macdonell ... Paragraphs 70-183.
 Whitney ... Paragraphs 261-1245, except those referring to Syntax prescribed for paper VI.
 Jackson ... Paragraphs 219-900.
 Wright ... Paragraphs 233-575: portions not dealing with Sanskrit may be omitted.
 Giles ... Paragraphs 275-330 and 406-52.

Paper IV.

- Tucker ... Chapter 17.
 Strong, Logeman and Wheeler ... Chapters 22 and 23.
 Encyclopædia Britannica ... Article on *Slana*.
 Macdonnell ... As for Paper III
 Whitney ... Ditto
 Gune ... Pages 160—222.
 Bhandarkar, R. G. ... Wilson Philological Lectures (Mrs. Radhabai A. Sagoon, Bombay, 1914), Lectures 1 and 2.
 Chattopadhyaya, B. K. ... Prakrita Prakasa (S. K. Lahiri, Calcutta).
 Imperial Gazetteer of India ... Vol. 11, Chapter VI.
 Rhys Davids, T. W. ... Buddhist India (T. Fisher. Unwin), Chapters VII—X.
 Muller, E. ... Pali Grammar (Trubner).

Paper V.

- Gune ... Pages 223-52.
 Bhandarkar, R. G. ... Lectures IV—VII.
 Majumdar, B. C. ... History of Bengali Language (Calcutta University).
 Sen, Dineschandra ... History of Bengali Language Literature, Calcutta University Press.
 Tagore, Rabindranath ... Sabdatattva (Indian Publishing House, Calcutta).
 Trivedi, Ramendrasundara. ... Sabdakathā (Sanskrit Press Depository, Calcutta).
 Grierson, G. A. ... The Languages of India, being a reprint of the Chapter on Languages from the Report on the Census of India, 1901. Government Printing Press, Calcutta).

(N. B.—From this book paragraphs 1-21, 71-79 and 84-86 would be useful also for Paper I).

Imperial Gazetteer of India ..	Vol. II, Chapter XI.
Encyclopædia Britannica ...	Articles on Behari, Bengali, Gujarati, Hindi (Eastern), Hindi (Western), Hindustani Marathi, Oriya, Pahari, Rajastani, Sindhi and Urdu.

N.B.—Books 3-6 are meant specially for those candidates whose mother-tongue is Bengali. For those who require the other languages of India, other books will be prescribed in their stead as need arises. For students whose mother-tongue is Hindi the following books are recommended:—

Kellog	... Grammar of Hindi (Trübner).
Greaves, Rev. E.	... Grammar of Tulsidas's <i>Rāmāyana</i> (Benares).
Grierson, Sir G. A.	... Seven Grammars of the Behari Language (specially the Introduction).

Candidates are expected to illustrate old Hindi mainly from Tulsidas's *Rāmāyana*, the poems of Surdas and Malik Md. Jāyasi's *Padmāvatī*.

Paper VI.

Strong, Logeman and Wheeler...	Chaptets 6-8 and 16-18.
Morris, E. P.	On Principles and Methods in Syntax (Yale University).
Apte, V. S.	... A guide to Sanskrit Composition (Mrs. Radha-bai A. Sagoon, Bombay).
Macdonell	... Paragraphs 184-218.
Whitney	... Paragraphs 264-305, 486, 506, 507, 512, 572-82, 591-98, 776-79, 821-23, 926-30, 948-50, 960, 967 980-88, 994 995, 999, 1040, 1072-95, 1126-30, 1240-1316.
Pischel, R.	... Grammatik der Prakrit Sprachen (Trübner), Part IV.
Giles	... Paragraphs 331-42 and 539-600.
Sen, Dineschandra	... As for Paper V.
Majumdar	... Ditto.

For Hindi Students as in Paper V.

(Books for other languages of India will also be prescribed instead of the last two as need arises).

Paper VII.

Tucker	... Chapter II
Encyclopædia Britannica (9th Edition)	... Article on <i>Aryan</i> .
Encyclopædia Britannica (11th Edition)	... Articles on <i>Pahlavi</i> , <i>Persia</i> , <i>Zend-Avesta</i> , and <i>Zoroaster</i> .
Haug, M.	... Essays on the Religion of the Parsis (Trübner).
Jackson	... Introduction to <i>Avesta Grammar</i> .
Hastings' Encyclopædia of Religion and Ethics	... Article on <i>Aryan Religion</i> .
Macdonnell, A. A.	... Vedic Mythology (Trübner).
Kanga, K. E.	... <i>Khordeh Avestā bā Māeni</i> (Bombay), and <i>Gāthā bā Māeni</i> (Bombay).

- Avesta, Pahlavi and
Ancient Persian Studies (in honour of the
late Shams-ul-Ulama
Dastur Peshotanji
Behramji Sanjana) ... Chapters I and IV.
Bertin, G. ... Languages of the Cuneiform Inscriptions (Trübner,
Part V.

Avesta and old Persian Texts (First Series)—

- Ashem Vohu, Yatha Ahu Vairyo, Kem Nā Mazda.
Yasna : IX, XII, XXVI, LIV, LVII and LX.
Gathas : XXVIII, XXIX, XLIV, XLVII, I ; LI, I and LIII, I.
Vendidad, II, 22-35, IV, 1-16, 44-49 : VII, 36-44 ; X, 16-29 ; and XIX.
1-9, 15-16, 27-33.
Behistun Inscription Column I.

Avesta and old Persian (Second Series)

- Ashem Vohu, Yatha Ahu Vairyo, Humata, Namaskar of the Four Quarters
and the Final Passage of all Afringans,
Yasna : II, XX, and Haptanghati (XXXV-XLII).
Yasts : Gosh. Siroza II and Vistaspa.
Gathas XXX, XXXI, XXXIII, 12-14 ; and LI.
Visparad, XV.
Vendidad : III, 23-29 ; VI, 44-51 ; VII, 36-44 ; XVIII, 1-7, 14-28 ; and XXI.
Behistun Inscription : Column IV.

N. B.—The two series of Avesta and old Persian Texts are to be taken alternately year by year beginning with the *First series* in 1921. Thus for *odd* years the *First series* is to be taken and for *even* years the *second series*.

Paper VII (Alternative)

- Caldwell, R. ... Comparative Grammar of the Dravidian Languages, 3rd edition (Kegan Paul). Introduction.
Grierson, G. A. ... Linguistic Survey of India, Vols. I, II, III and IV. Introductions only.
Hoffmann, J. ... Mundari Grammar (Government Press, Calcutta). Introduction.
Encyclopædia Britannica. ... Articles on *Brahui, Dravidian Languages, Kanarese, Malayam, Mendas, Tamil, Telugu, Tibeto Burman*.
Aiyanger, M. Srinivasa ... Tamil Studies, 1st series (Guardian Press Madras), Chapters 1-3, 6-8 and 12.
Kittle ... Kannada Dictionary (Basel Mission Press Mangalore). Introduction.
Konow, S. ... Article on *Dravidian Philology* in Indian Antiquary, 1903.

The following books may be consulted with advantage for the various papers :—

Paper I.

- Stout, G. F. ... Analytical Psychology (Geo. Allen), Vol, II Chapter X.
Goldstucker ... Panini (Reprint by Panini Press, Allahabad).

- Wackernagel, J. ... Altindische Grammatik, Vol. I. (Vandenhœck und Ruprecht, Göttingen). Introduction.
- Whitworth, G. C. ... Indian English (Garden City Press, Letchworth).
- The King's English ... (Oxford, 2nd edition).
- Noire, L. ... On the Origin of Language and the Logos theory (Open Court Publishing Co., Chicago).
- Jespersen, O. ... Progress in Language (Sonnenschein).
- Bechtel, F. ... Die Hauptprobleme der indogermanischer Lautlehre seit Schleicher (Göttingen, 1902).
- Brugmann, K. ... Kurze vergleichende Grammatik der indogermanischen Sprachen (Trübner, Strasburg).
- Douzat, A. ... La Philosophie du Langage (Ernest Flammarion, Paris). La vie du Langage (Armand Colin, Paris).
- Lefèvre, A. ... Race and Language (International Scientific Series, London).
- Max Müller, F. ... The Science of Language (2 Vols.) (Longmans). (This though very readable has to be used with caution as it represents an antiquated view of the science). Three Lectures on the Science of Language (Open Court Publishing Co., Chicago).
- Meillet, A. ... Les Dialectes Indo-Européens (Ancienne Honore Champion, Paris). Introduction a l'Etude Comparative des Langues Indo-Européens (Hachette, Paris).
- Paul, H. ... Prinzipien der Sprachgeschichte (Max Niemeyer, Halle a. S.).
- Prozezinski, V. ... Einleitung in die Sprachwissenschaft (Trübner, Leipzig).
- Sayce, A. H. ... Introduction to the Science of Language (2 Vols.) (Trübner). Principles of Comparative Philology (Trübner).
- S. C. Vidyabhushana ... Summary of Tattwa Chintamani (Sadbakhandha) (J. A. S. B.).
- Whitney, W. D. ... Language and its study (Trübner). Life and growth of Language (Trübner). Oriental and Linguistic Studies, 1st Series (Scribners, New York), VII-XIII.
- Wundt, W. ... Sprachgeschichte und Sprachpsychologie (Wilhelm Engelmann, Leipzig).
- Darbishire, H. D. ... Reliquæ Philologicæ (Cambridge).
- Edmonds J. M. ... Comparative Philology (Cambridge).
- Bhandarkar ... Commemoration Volume (Oriental Book Supply Agency). Essays 29 and 31.
- Breal, M. ... Semantics (tr. by Mrs. Cust; Heinemann).
- Wylde, H. C. ... Historical Study of the Mother Tongue (John Murray), Chapters. I-X.
- Classen, E. ... History of the English Language (Macmillan). Paper II.
- Mott, F. W. ... The Brain and the Voice in Speech and Songs (Harper).
- Thumb, A. ... Handbuch des Sanskrit (Karl Winter, Heidelberg), Paras 1-218.
- Viëtor, W. ... Elements of Phonetics; translated and adapted by Walter Rippmann (Dent).
- Whitney, W. D. ... Oriental and Linguistic Studies, 2nd series (Scribners).

- Darbshire, ... Pt. II. 4-6.
 Gray, L. ... Indo-Iranian Phonology (Columbia University Press).
 Hirt, H. ... Der indogermanische Ablaut. (Der indogermanische Akzent Trübner, Strassburg)
 Jespersen, O. ... Lehrbuch der Phonetik (Trübner, Leipzig).
 Meringer, R. ... Indogermanische Sprachwissenschaft (Sammlung Goschen, Leipzig).
 Reichelt, A. ... Avestisches Elementerbuch (Kar Winter, Heidelberg), Paras. 31-179.
 Taylor, I. ... The Alphabet (2 vols).
 Wackernagel ... Vol. I.
 Wechseler ... Gibt es Langtestze? (Halle a.S.)
 Encyclopædia Britannica ... Articles on *Chinese Language, Cuneiform, and Egyptian Language*.
 Giles, Herbert ... China and the Chinese (Columbia University Press), Chapter I.
 Macdonnell ... Vedic Grammar, specially the treatment of the Accent.

Paper III

- Thumb ... Paras. 219-64.
 Bartholomæ, Chr. ... Handbuch der altiranischen Dialekte (Breitkopf, & Härtel, Leipzig).
 Reichelt ... Paras. 180-411.

Paper IV.

- Pischel, R. ... Grammatik der Prakrit Sprachen (Trübner Strassburg).
 Basu, C. C., and Kar, L.M. ... Asoka Anusasana (Metcalf Printing Works, Calcutta).
 Francke, R. O. ... Pali and Sanskrit (Trübner).
 Bhandarkar Commemoration Volume ... Essay II.
 Bahechardas Jivraj ... Prakrita Margopadesika (Dharmabhyudaya Press, Benares).
 Grierson, G. A. ... Linguistic Survey of India; Introduction to the various volumes on the Aryan Languages of India.
 Beames, J. ... A Comparative Grammar of the Modern Aryan Languages of India (Trübner).
 Hoernle, R. H. ... A Comparative Grammar of the Gaudian Languages (Trübner).

Besides the above, special Grammars and texts of the various languages of India may be consulted, such as Kellogg for Hindi, St. Clair Tisdall for Gujarati, Navalkar for Marathi, Trumpp for Sindhi, etc.

Paper VI

- Beames ... As for Paper V.
 Thumb ... Paras. 646-700.
 Speijer, J. S. ... Sanskrit Syntax (Leyden).
 Sanskrit and Vedische Syntax (Trübner, Strassburg).

Paper VII.

Schrader, O.	... Die Indogermanen (Quelle and Meyer, Leipzig). Sprach vergleichung und Urgeschichts (Jenr). This has also been translated into English by Javons under the title "Prehistoric Antiquities of the Aryan Peoples".
Hirt, H	... Die Indogermanen (2 vols) (Triebner, Strasburg).
Kaegi, A.	... Der Rigveda (Triebner) Also translated into English.
Max Müller, F.	... Comparative Mythology (2 vols.) (Longmans) Biographies of Works and the Home of the Aryas (Longmans)
Taylor, I.	... Origin of the Aryans (Walter Scott).
Whitney, W. D.	... Oriental and Linguistic Studies, 1st and 2nd Series (Scribner)
Darbishire	... Pt. I. 1, (6) and Pt. II, 2, (8).
Bhandarkar	... Commemoration Volume, Essays 3, 7 and 8.
Tilak, B G.	... Orion (Reprint by Ashtekar & Co. Poona 1916). The Arctic Home in the Vedas (Ramchandra Govind, Bombay)
Haddon, A C	... The Wanderings of Peoples (Cambridge)
Bartholomæ Chr.	... As for Paper III.
Darmesteter J	... The Zend Avesta, Part I. (Sacred Books of the East) Introduction
Tolmen, H. C.	... Ancient Persian Lexicon.
	... Cuneiform Supplement (American Book Co., New York).
Jackson, A V. W.	... Zoroaster.
	... Persia, Past and Present (The Macmillan Co., New York).
Moulton, J. H.	... Early Zoroastrianism: Hibbert Lectures 1912 (Williams and Norgate)

Paper VII—(Alternative).

Hodgson, B	... Essays on the Languages, Literature and Religions of Nepal and Tibet (London).
Arden, A. S	... Progressive Grammar of the Telugu Language (S P C K. Press, Madras).
Vinson, J.	... Grammaire Tamoule."

INDIAN VERNACULARS

For the examination of 1922, Bengali will be the only Vernacular which may be taken up as Principal Vernacular; but further orders will be issued if mean while Satisfactory Progress is made with the Preparation and Publication of Volumes of Typical Selections in other Vernaculars

Until further orders, Candidates will be allowed to Select the Subsidiary Vernacular from the following list :—

Assamese, Oriya, Hindi, Marathe, Gujarati, Tamil, Telugu Kanarese Malayalam, Singhalese, Urdu.

BENGALI.

Paper I.

History of Bengali Literature from the earliest times down to 1850. *Special period*.—Vaisnab Literature during the Sixteenth Century Books recommended:—

D. C. Sen	... History of Bengali Language and Literature.
"	... Vaisnab Literature of Mediæval Bengal
"	... Chaitanya and His Companions.
"	... Folk Literature of Bengal.

Paper II.

- (1) Vanga Sahitya Parichaya, edited by D. C. Sen, Vol. I, pp. 27-101.
 (2) Mayanamati Gan. edited by Nalinikanta Bhattasali (Dacca Sahitya Parishad) and Baikanthanath Datta.

Paper III.

Mukundaram Kabikankar—Chandimangal
 Michael Madhusudan Dutt—Meghnadbadh, Cantos. I, II.
 Dinabandhu Mitra—Nildarpan.
 Rajkrishna Mookerjee—Nanaprabandha

Paper IV.

- (a) Development of prose style in Bengali Literature, 1800-57.
 (b) Influence of Western Culture on Bengali Literature, 1857-80
 In papers II, and III, 75 marks shall be allotted to the texts and 25 marks to the unseen passages.

Questions on the texts shall include:—

(a) Questions on the subject matter and on the language of the prescribed books (historical geographical, critical questions and literary allusions are not excluded).

(b) Questions on Grammar and prosody arising from the texts.

(c) Questions on the life and literary career of the authors whose works are prescribed.

ASSAMESE.

TEXTS.

Sankardeb	... Rukmini Haran.
Bhattacha	... Katha Gita (first three chapters).
Lakshminath Bezbarua	... Kripabar Barbarurak Kakatar
Mafjuddiu Ahmad	... Topola, Jnana Malini.
Rajanikanta Bardolai	... Manomati.

GRAMMAR

Hemchandra Barua	... Assamiya Pyakaran
Debananda Bharali	... Assamiya Bhashar Maulik Bichar
Satyanath Bora	... Shahitya Bichar.
Debananda Bharali	... Anglo-Assamese Grammar.
G. F. Nichol	... Assamese Grammar (in Bengali Manual).

LITERARY HISTORY.

Debendranath Bezbarua	... Assamiya Bhasha Aru Sahityar Buranji.
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URIYA.

TEXTS.

Jagannathadasa	... Bhagabata, Skandha XI
Upendra Bhanja	... Baidehisabilasa, Part IV.
Madhusudana Rao	... Prabandhamala.
Ditto	... Kusumanjali.
Pakhiramohana Senapati	... Chha-mana At-guntha.

GRAMMAR

Radhanatha Ray	... Byakarana Prabesa
E C B. Hallam	... Oriya Grammar.

LITERARY HISTORY.

Manmohan Chakrabarti.	.. Articles on Oriya Literature (in the J. A. S. B., 1898-99).
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MARATHI.

TEXTS.

Gadyaratna Samuchchay, Part I.
Navanit, Pages 2-20, 47-88. 159-71, 381-410.

GRAMMAR.

Ramehendra Bhikaji Joshi.	... Prauphobodh Vyakaran
G. R. Navalker	... Marathi Grammar.

LITERARY HISTORY.

Bhabe	... Maharashtra Sarasvat.
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HINDI.

TEXTS.

Keshi Ram and Dwarka Prasad	... Tulsi Sangraha
Ramnares Tripathi	... Kavita Kaumudi, Part I.
Harischandra	... Satya Harischandra.
Ajodhya Sing Upadhyay.	... Theth Hindi Ka That.

GRAMMAR,

Kellogg	.. Grammar of the Hindi Language
Pincott	Hindi Manual.
Etherington	... Bhasha Bhaskar.
Garcin, de Tassy	.. Chrestomathie Hindie on Hindouiee.

LITERARY HISTORY.

Grierson	.. Vernacular Literature of Hindusthan.
Hindi Sahitya Sammilani Lekhmala	... (Select Portions).

GUJRATI.

TEXTS

Ghanashyam	.. Patanani Prabhuta (Gujarati Press, Bombay).
I P. Khansahebnaad	...
Narharilal Trikamlal	... Sahitya Ratna.

GRAMMAR.

Taylor	... Gujarati Bhashanun Vyakaran.
K. P. Trivedi	.. Madhya Vyakaran.
St. Clair Tisdall	.. Simplified Grammar of the Gujarati Language
Khansaheb and Sehth	.. Hints on the Study of Gujarati.

LITERARY HISTORY.

K. M. Jhaveri ... Milestones in Gujarati Literature.

URDU.

TEXTS.

Kalam-i-Urdu (Board of Examiners).

Hayat-i-Saadi (Hali).

Taubatu-n-Yasuh (Nazir Ahmad).

Nazm-i-Muntakhab.

Musaddas-i-Hali.

GRAMMAR

Palmer ... Simplified Grammar of Hindustani
Persian and Arabic.
Green ... A Practical Hindustani Grammar.
Forbes ... Hindustani Grammar
Platts Ditto.

LITERARY HISTORY.

Garcin de Tassy ... Histoire de la Littérature Hindoue
et Hindoustanie.
Azad ... Ab-i-Hayat.

PALI

Andersen ... Pali Reader.
Banklurter ... Pali Handbook.
Müller ... Simplified Pali Grammar.
Victor Henry ... Précis de Grammaire Pali.
Vidhusekhar Sastri ... Pali Prakasa.

PRAKRIT.

Vararuchi ... Prakrita Prakasa.
Rahasekhara ... Karpuramanjari.
Cowell Introduction to Prakrit.

PERSIAN.

New Persian Selections ... (Board of Examiners).
Kanga ... Selections from Persian Prose and
Poetry.
Platts and Ranking ... Persian Grammar
Rosen ... Ditto
Kanga ... Hints on the Study of Persian.
St. Clair Tisdall ... Conversational Persian Grammar.

TAMIL.

Wickremasinghe ... Tamil Grammar Self-taught.
Pope ... Tamil Handbook.
Do ... Catechisms of Tamil Grammar, I-II.
Arden ... Progressive Grammar.
Caldwell ... Comparative Grammar of Dravidian
Languages.
Purnaligam Pillai ... Primer of Tamil Literature.
Ditto ... Viveka Vilakkam.
Ditto ... Seyyul Korai.
Ditto ... Vasaka Thirattu

Matriculation Selections (Madras University)

TELUGU.

- Brown ... Telugu Grammar.
 Morris ... Simplified Telugu Grammar.
 Arden ... Telugu Grammar 1905, Telugu Companion Reader, 1879
 Caldwell ... Comparative Grammar of Dravidian Languages.
 Narasingham and Narasingha-
 raw ... Ananda Readers, Parts III and IV.
 Matriculation Selections (Madras University).

MALAYALAM

- Gundert ... Catechism of Malayalam Grammar (Madras, 1881).
 Fohnmeyer ... Progressive Grammar of Malayalam (Mangalore, 1889).
 Peet ... Malayalam Grammar (Cottayam 1841).
 Caldwell ... Comparative Grammar of Dravidian Languages
 Fourth Reader
 Twelfth Reader
 Gadya Malika, Part II
 History of Malayalam
 Literature } Basel Mission (Mangalore).
 Matriculation Selections (Madras University).

KANARESE.

- Kittel ... Grammar of Old and Modern Kannada (Mangalore, 1903)
 Spencer ... Kanarese Grammar (Mysore, 1914)
 Caldwell ... Comparative Grammar of Dravidian Languages.
 Rice ... History of Kanarese Literature.
 Padya Sangraha.
 Padya Sara, Part I, pp. 3-4, 12-13, 27-30, 77-86 and 103-06.
 Katha Sangraha, Part I, pp. 1-96
 " " II, pp. 210-8c.
 Nirmala (or She Stoops to Conquer) in Kanarese.
 Sabdadarsa (Kanarese).
 Matriculation Selections (Madras University).

SINHALESE.

- Wickremasinghe ... Sinhalese Grammar (London 1916).
 Guna Sekra ... Comprehensive Sinhalese Grammar (Colombo, 1892).
 Do ... Kusajatakakavya.
 Gunawardhana ... Subhasitaya.
 Samarasekara ... Sinhalese Translation of the Dighanikaya Vol. I (Brahmajalasutra and Ambatthasutra only).
 Gurulu Goru ... Amawatura (first four chapters only) edited by Jayatilaka.

MAITHILI.

- Grierson ... Grammar and Chrestomathy, 2 vols.
 Vidyapati ... Padabali (Bangiya Sahitya Parishad; Indian Press, Allahabad; Coomarswamy and Arun Sen).

Umapati	...	Parijata Harana, edited by Grierson (Bihar and Orissa Research Society, Vol. III, 1917).
Grierson	...	Vernacular Literature of Hindustan.

MENTAL AND MORAL PHILOSOPHY.

Paper I.—History of Ancient European Philosophy.

The following books are recommended :—

Ueberweg	...	History of Philosophy.
Caird	...	Development of Theology in the Greek Philosophers.
{ Zeller	...	Plato
		or
{ Zeller	...	Aristotle
		or
Gomperz	...	Greek Thinkers. Vol. IV.
Burnett	...	Early Greek Philosophy
Adams	...	Religious Teachers of Greece.
Bakewell	...	Sourcebook in Ancient Philosophy (Scribner).

Students will be expected to have a special knowledge of the system of Plato or Aristotle and to show an acquaintance with the following special texts :—

Either Plato's Republic or Aristotle's Metaphysics

Paper II.—Mediæval and Modern European Philosophy.

The following books are recommended :—

Erdmann	..	History of Philosophy, Vol II,
		or
Adamson	..	Development of Modern Philosophy.
De Wulf	...	Scholastic Philosophy.
Do	..	History of Mediæval Philosophy (Longmans).
Rand	...	Modern Classical Philosophers (Constable)
Perry	...	Present Philosophical Tendencies.
Hume	...	Inquiry concerning Human Understanding.
Watson	...	Philosophy of Kant as contained in extracts from his own writings.

Paper III.—Outlines of Indian Philosophy

The following books are recommended :—

Max Muller	...	Six Systems of Indian Philosophy.
Deussen	...	Philosophy of the Upanishads.
Rhys Davids	..	Indian Buddhism (Hibbert Lectures.)
Madhavacharya	...	Sarvadarsana Sangraha (Cowell and Gough), [Charvaka, Bauddha, Arhata, Ramanuja- Vaisesika, Nyaya, Sankhya and Patanjala Systems]
Sankara	...	Commentary on the Vedanta Stras, Second Adhyaya, Padas I and II only (Thibaut).
Ramanuja	...	Commentary on the Vedanta Stras, Introduc- tion and the first Sutra, Pada I, Adhyaya I.
Seal, B. N.	...	Positive Sciences of the Hindus [Chapters I, (pages 1-56), VI (pages 218-219), and VII].

Urquhart-Pantheism and the value of Life.

*Papers IV—VI.**(i) Psychology.*

Preparatory Reading.

Macdougall	... Physiological Psychology.
The following books are recommended :—	
James	... Principles of Psychology
Wundt	... Outlines of Psychology.
Stout	... Analytic Psychology.
Lloyd Morgan	... Comparative Psychology.
Kulpe	... Outlines of Psychology.
Villa	... Contemporary Psychology.
Rand	... Classical Psychologists.
Ward	... Psychology.

(ii) Logic

Students are allowed to take up any *one* of the following two alternative Courses in Logic :—

(a) Logic as Epistemology and Inductive Logic and Methodology.

(b) Logic as Metaphysics and Dialectic.

The following books are recommended :—

(a) Logic as Epistemology and Inductive Logic and Methodology—

Lotze	... Logic.
Bosanquet	... Logic.
Mill	... System of Logic.
Hobhouse	... Theory of Knowledge
Venn	... Empirical Logic.
Jevons	... Principles of Science.
Keynes	... Formal Logic
Encyclopædia of the Philosophical Sciences, Vol I, Logic (Macmillan)	

(b) Logic as Metaphysics and Dialectic—

Kant	... Critique of pure Reason.
Fichte	... Science of Knowledge, translated by A. E. Troeger, with a preface by W. T. Harris. (Trubner & Co.)
Wallace	... "Logic of Hegel" and "Prolegomena"
McTaggart	... Studies in Hegelian Dialectic.
Lotze	... Metaphysics.

(iii) Ethics and Social Philosophy.

The following books are recommended :—

Green	... Prolegomena to Ethics.
Sidgwick	... Methods of Ethics and Short History of Ethics
Wundt	... Ethics.
Kant	... Theory of Ethics.
Sterrett	... Ethics of Hegel
Herbert Spencer	... Principles of Sociology, Vols I and II (Political Institutions only)
Giddings	... Principles of Sociology
Lester Ward	... Dynamic Sociology, Vols. I and II.
Rand	... Classical Moralists.

Students will be expected to show an acquaintance with *either* of the following texts :—

Aristotle's Ethics or Spinoza's Ethics.

(iv) *Philosophy of Religion.*

The following books are recommended :—

Lotze	... Outlines of the Philosophy of Religion
Hegel	... Philosophy of Religion (Spier and Sanderson), Part I.
Pfleiderer	... Philosophy and development of Religion, Vol. I (Gifford Lectures).
Royce	... The World and Individual (both series).
Ward	... Realm of Ends (Pluralism and Theism).
Do	... Agnosticism and Naturalism.
Pringle Pattison	... Idea of God (Gifford Lectures).
Sorley	... Idea of God

(v) *Special Branch of Indian Philosophy.*

Any one of the three following groups :—

- (1) The Nyaya Sutras of Gautama with Bhashya of Vatsyayana, Vartika of Udyotkara and Vritti of Visvanatha.
The Bhasha-Parichchheda with Siddhanta Mukhtavali.
The Kusumanjali of Udayana with commentary.
- (2) The Sankhya Karika of Isvarakrishna with Sankhya Tattvakaumudi of Vachaspati Misra.
The Sankhya Sutras with Sankhya Pravachana Bhashya of Vijnanabikshu.
The Vedanta paribhasa
The Hastamalaka with commentary.
The Advaita Brahma Siddhi
Sankara's commentary on the Vedanta Sutras (the first four Sutras and Adhyay II, adas I and II).
Ramanuja's commentary on the Vedanta Sutras (Introduction and the first four sutras).
- (3) The Sutras of Kanada with Bhashya of Prasastapada and Nayakan-dali of Sridhara.
The Bhasha-Parichchheda with Siddhanta Mukhtavali.
Nagarjuna's Madhyamika Karika with commentary.
The Nyayavindu with commentary.

HISTORY.

The following are the selected periods and the books recommended for study. Candidates are expected to possess a thorough acquaintance with the works marked with an asterisk :—

Books recommended for study—

Paper I—*Selected period of English History, from 1756 to 1815, excluding the History of British India.*

*Lecky	... History of the Eighteenth Century.
*Robertson	... England under the Hanoverians.
*Rose	... Revolutionary and Napoleonic Era.
Burke	... Present Discontents; Two Speeches on America.
*Roseberry	Pitt

1 * Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

*Paper II—Selected period of Indian History, from
600 B. C. to 900 A. D.*

- Manu ... Institutes (Translated by Bühler)
Chapters 2, 3, 6, 7, 10.
 - Kautilya ... Arthasāstra (Translated by R. Shama
Sastri). Books 1, 2, 5, 6, 7, 8, 11.
 - Rangaswami Aiyangar ... Ancient Indian Polity.
 - Rhys Davids ... Buddhist India.
 - V. A. Smith ... Asoka
 - R. G. Bhandarkar ... Early History of the Deccan.
 - Krishnaswami Aiyangar ... Beginnings of the South Indian History,
Chaps. 1-3.
 - D. R. Bhandarkar ... Carmichael Lectures, First Series.
 - Megasthenes ... India.
 - The Periplus of the Erythraean Sea (Translated by Schoff)
 - Fa Hian ... Travels (Translated by Legge).
 - Yuan-Chwang ... Travels in India (Translated by Watters).
 - V. A. Smith ... Early History of India (Latest edition).
- (Students are expected to possess a general knowledge of the Ancient Geography of India).

Paper III—General History of the Ancient East.

- | | | |
|----------|-----|--|
| Breasted | ... | History of Egypt. |
| Ditto | ... | Development of Religion and Thought
in Ancient Egypt. |
| Jastrow | ... | Civilisation of Babylonia and Assyria. |
| Rogers | ... | History of Babylonia and Assyria, 1017. |

Paper IV—Constitutional History of England.

- | | | |
|------------------------|-----|--|
| Stubbs | ... | Constitutional History of England. |
| Hallam | ... | Ditto ditto. |
| Erskine May | ... | Ditto ditto. |
| Documents and Extracts | | illustrative of English Constitutional History |
| (Calcutta). | | |

Paper V—International Law.

- | | |
|-------------------|---|
| Hali | ... International Law. |
| Wheaton | ... International Law (Ed. Phillipson), |
| Stowell and Munro | ... International Cases, 2 vols |

Papers VI and VII—History of Islam.

- | | | |
|---------------|-----|--|
| • Muir | ... | Caliphate. |
| • Zevdan | ... | Umayyadas and Abbasides. |
| • Khuda Buksh | ... | Islamic Civilisation. |
| • Goldziher | ... | Mohammed and Islam (Tr. Seelye) (Yale University Press). |
| Freeman | ... | History and Conquest of the Saracens. |
| Gibbon | ... | Decline and Fall of the Roman Empire, Chapters 50-52, 56-59, 64, 65, 67, 68. |
| Ameer Ali | ... | History of the Saracens. |
| • Elphinstone | ... | History of India. |
| • Elliott | ... | Ditto. |

* Candidates are required to possess a thorough acquaintance with the books marked with an asterisk.

† Candidates are not required to possess a minute knowledge of geographical details.

- Ferishta ... History of the Rise of the Mahammadan Power (Tr. Briggs).
- Babar ... Memoirs (Talbot or Beveridge).
- Vincent Smith ... Akbar.
- Owen ... India on the Eve of the British Conquest.
- Do. ... Fall of the Moghul Empire.
- Keene ... Ditto ditto.
- *Hitti ... Origins of the Islamic State (Columbia University Press).
- Aghnides ... Mohammedan Theories of Finance (Columbia University Press).
- Cambridge Mediæval History, Vol. II, Chapters 10-12.

Special period of Indian History.

One of the following alternative courses :—

- (A) Rise of the British Power in India.
- Mill ... History of British India, edited by Wilson (from Chapter VII of Book IV to the end of Book VI).
- Sir Alfred Lyall ... The Rise, and Expansion of the British Dominion in India.
- Malcolm ... Political History of India.
- Owen ... India on the Eve of the British Conquest
- Ramsay Muir ... Making of British India
- Ranade ... Introduction to the Peshwas' Diaries.
- Keene ... Fall of the Moghul Empire.
- *Grant Duff ... History of the Mahrattas.
- Bowring ... Haidar Ali and Tipu Sultan (Rulers of India Series).
- R. C. Dutt ... Economic History of India under the Early British Rule
- Francklin ... Shah Alum.
- Gholam Hossain Khan ... Seir Mutaqherin, Sections XII, XIII and XIV.
- *Forrest ... Selections from State Papers, 1772-85 (Portions relating to the Rohila War, Warren Hastings' relating with Nandakumar, Chait Sing and the Begums of Oudh)
- *Owen ... Selections from Wellesley Despatches
- *Fifth Report of the Select Committee on the affairs of the East India Company, Bengal Presidency, including Grant's Analysis.
- (B) History of the Rajputs (Books to be recommended later).
- (C) History of the Mahrattas (Books to be recommended later).
- (D) History of the Sikhs (Books to be recommended later).

Economic History of England and India.

- Cunningham ... Growth of English Industry and Commerce.
- Bowley ... History of England's Foreign Trade in the XIXth Century.
- Traill ... Social England, Vol. VI. Economic Section

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Buxton	... Finance and Politics.
*Ashley	... Economic Organisation of England.
Ascoli	... Early Revenue History of Bengal.
Robinson	... East India Trade.

Report of the Industrial Commission.

Imperial Gazetteer of India. Vols. III and IV (Economic portions).

History of Commerce in India, 1765-1918.

Comparative Politics.

*Kautilya	... Arthasastra (Trans. Shama Sastri)
Rangaswami Aiyangar	... Ancient Indian Polity.
Pramathanath Banerjee	... Public Administration in Ancient India.
*Aristotle	... Constitution of Athens (Tr. Poste).
*Coulanges	... Ancient City (Tr. Small).
Warde Fowler	... The City State of the Greeks and Romans
Maine	... Ancient Law.
*Sidgwick	... Growth of European Polity.
*Freeman	... Comparative Politics.
Woodrow Wilson	... Constitutional Government.
*Lowell	... Governments of France, Germany and Italy.
Vincent	... Switzerland.
Wallace	... Government of England.
*Allen	... Evolution of Governments and Laws.
Ogg	... Government of Europe.

Special period of European History—The French Revolution to the Death of Robespierre.

*Cambridge Modern History, Vol. VIII.	
Mignett	... History of the French Revolution.
*Theirs	... History of the Great French Revolution.
De Tocqueville	... France before the Revolution.
*Acton	... Lectures on the French Revolution.
*Carlyle	... History of the French Revolution, edited by Flecher or Rose.
*Burke	... Reflections on the French Revolution.
*Young	... Travels in France during the year 1787-89
*Aulard	... Political History of the French Revolution
Putzger	... Historical Atlas.

History of the Mahrattas.

- *Grant Duff—History of the Mahrattas
- Kincaid and Parasnis—A History of the Maratha people.
- Sarkar—Shivaji and His Times.
- *Ranade—Rise of the Maratta Power, Vol. I.
- *Forrest—Selections from Bombay records—Mahratta series.
- *Owen—Selections from Wellesley's Despatches.
- *Owen—Selections from Wellington's Despatches.
- *Malcolm—Memoir of Central India.
- *Francklin—Shah Alum.
- *Elphinstone—Official writings of Mounstuart Elphinstone Forrest.
- *Ranade—Introduction to the Peshwas' Diaries.
- *Do. —Currencies and Mints under Mahratta Rule.
- Keene—Fall of the Moghul Empire
- *Documents and Extracts relating to Maratha History, Vol. I.
- Shivaji by S. N. Sen (Calcutta University).

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Works of Reference.

Chitnis Bakhar.

The Peshwas' Diaries selected by R. B. Wad, 9 Vols.

Rajwade—Marattyancha Itihasanchi Sadhanen, 23 vols.

Kihare—Atihasik Lekha Sangraha. 10 vols.

Elliott—History of India.

Ferista—History of the Deccan (Tr. Scott).

W. H. Tone—Institutions of the Mahrattas (Annual Register, 1719).

Aitchison—Treaties.

History of the Sikhs.

Cunningham—History of the Sikhs.

Macgregor—History of the Sikhs

M. Latif—History of the Punjab.

Wilson—Religious Sects of the Hindus.

Maccauliffe—The Sikh Religion.

Gokulchandra Narang—"The Transformation of Sikhism."

Khazan Singha—History and Philosophy of the Sikh Religion.

Lepel Griffin—Ranjit Singh (Rulers of India Series).

Baird—Private Letters of the Marquess of Dalhousie.

Despatches of Lord Gough.

Despatches of Lord Hardinge

Gough and Innes—The Sikhs and the Sikh Wars.

C. Wade—"Our Relations with the Punjab."

Prinsep—Origin of the Sikh Power in the Punjab.

Malcolm—Sketch of the Sikhs

Osborn—Court and Camp of Runjeet Singh.

Aitchison—Treaties

ANCIENT INDIAN HISTORY AND CULTURE.

COMPULSORY PAPERS.

(1) *General History of Vedic and Epic India.*

*Weber	...	History of Indian Literature (pages 1—195).
*Macdonell	...	History of Sanskrit Literature (Chaps. I—X).
Jacobi	...	Das Ramayana.
*Hopkins	...	The Great Epic of India.
*D. R. Bhandarkar	...	Carmichael Lectures, First Series (1918).
*Muir	...	Sanskrit Texts, Vol. V,
Kaegi	...	Rigveda.
Zimmer	...	Altindisches Leben, Book I, Ch. 4, and Book II, Ch. I.

(2-3) *Political History of the Post-Epic Period.*

*V. A. Smith	...	Early History of India.
*Bombay Gazetteer, Vol. I.	...	
Krishnaswami Aiyangar	...	Ancient India.
Ditto	...	Beginnings of South Indian History, Chaps. 1-3.
*Pargiter	...	Dynasties of the Kali Age.
*Inscription relating to Pala and Sena Dynasties.	...	
*D. R. Bhandarkar	...	Carmichael Lectures, First Series (1918).
*Stein	...	Rajatarangini (Introduction only).

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

(4) *Historical Geography of Ancient India.*

- *Cunningham ... Ancient Geography of India.
 *Periplus of the Erythraean Sea.
 *Ptolemy ... Geography of India.
 *Watters ... Yuan-Chwang.
 Fleet ... Topographical List of Brihatsamhita
 (Indian Antiquary, 1893, pp. 169—195).
 Vivien de St. Martin ... Etude sur la géographie et les populations
 primitive du nord-ouest de l'Inde
 d'après les Hymnes Vedique.
 Pargiter ... Translation of Markandeya Purana
 (Bhuvanakosa only).
 Foucher ... Notes on the Geography of Gandhara.
 *Reports of the Archaeological Survey of India about Takshasila, Isipatana ;
 Vaisali, Sravasti, Rajagriha and Kusinara.

OPTIONAL PAPERS.

I—ARCHÆOLOGY. (A).

(1) *Epigraphy.*

- *Inscriptions of Asoka.
 *Inscriptions of Kharavela, Sunga and Satavahana Kings.
 *Inscriptions of Kshatrapa families.
 *Inscriptions of the Imperial Gupta Dynasty.

(2) *Fine Arts and Iconography.*

- *V. A. Smith ... History of Fine Arts in India and Ceylon.
 *Havell ... Indian Sculpture and Painting.
 *Gopinath Rao ... Elements of Hindu Iconography.
 *Grunwedel ... Buddhist Art.
 Foucher ... Beginnings of Buddhist Art.
 G. N. Banerjee ... Hellenism in Ancient India.

(3) *Numismatics.*

- *V. A. Smith ... Catalogue of the Coins in the Indian
 Museum (up to the end of the Gupta
 period).
 *Rapson ... Catalogue of the Coins: Andhras,
 Western Kshatrapas, etc.
 *Allan ... Catalogue of Coins; Gupta Dynasties.
 *Whitehead ... Catalogue of the Coins of the Punjab
 Museum, Lahore, Vol. I.

(4) *Ancient Architecture.*

- *Fergusson ... History of Indian and Eastern Architec-
 ture, Vols. I-II.
 *Havell ... Ancient and Mediæval Architecture
 of India.

I—ARCHÆOLOGY. (B).

(ALTERNATIVE COURSE.)

Paper V.

- D. R. Bhandarkar ... Carmichael Lectures (Second Series).

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- Adolpha Reinach ... *Apropos de l'origine de l'alphabet* (Revue Epigraphique, janvier-mars 1914, pp. 134-155).
- Dr. Flinders Petrie ... *The Formation of the Alphabet*
- Wilke ... *Südwest Europäische Megalithkultur und ihre Beziehungen zum Orient* (pp. 55-65).

The Journal of the Hyderabad Archaeological Society, 1917, pp. 55-79.

The Indian Antiquary, May, 1919.

Paper VI.

- E. A. Parkyn ... *Prehistoric Art*
- T. Wilson ... *Arrowpoints, Spearheads and Knives of Prehistoric Times* (Washington, 1899).
- Avebury ... *Prehistoric Times* (7th edition, 1913, Williams and Norgate).
- W. J. Sollas ... *Ancient Hunters and their Modern Representatives* (Macmillan, 2nd edition).
- Logan ... *Old Chipped Stones of India* (Thacker, Spink & Co., 1916).
- R. Bruce-Foote ... *The Foote collection of Indian Prehistoric and Protohistoric Antiquities—Notes on their Ages and Distribution* (Madras Govt. Press, 1916).
- J. Coggin-Brown ... *Catalogue raisonné of the Prehistoric Antiquities in the Indian Museum* (Simla Govt. Press 1917).
- A. Rea ... *Catalogue of the Prehistoric Antiquities from Adichanallur and Perumbair* (Madras Govt. Press. 1915).

Journal of the Bihar and Orissa Research Society, September, 1918.

Paper VII.

- Bruce-Foote ... *Notes on Ages and Distribution*, p. 125.
- Coggin-Brown ... *Catalogue raisonné*, page 144.
- Rapson ... *Indian Coins*.
- Do. ... *Journal Royal Asiatic Society*, 1895.
- E. Thomas ... *Ancient Indian Weights*.
- T. W. Rhys Davids ... *On the Ancient Coins and Measures of Ceylon*.
- Sir Walter Eliot ... *Coins of Southern India* (1886), pp. 45-63.
- W. Bridgeway ... *The Origin of Metallic Currency and Weight Standards*, 1892.
- H. C. Millies ... *Recherches sur les Mounaies des Indigenes de l' Archipel Indien et de la Peninsule Malaie* (1871).
- A. C. Haddon ... *Evolution in Art* (Chapter on Wealth)

Paper VIII.

- T. Eric Poet ... *Rough Stone Monuments and their Builders* (Harper, 1912).
- Fergusson ... *Rude Stone Monuments in all Countries* (London, 1872).

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- Montelius ... *Orient and Europa* (1909).
 Congreve ... *Madras Journal of Literature and Science* (1847)
 Yule ... *Proceedings of the Society of Antiquaries, Scotland, Volume I.*
 Taylor ... *Transactions of the Royal Irish Academy, Volume XXIV.*
 Walhouse ... *Journal of the Anthropological Institute* (1877, August)
 Babington ... *Transactions, Literary Society of Bombay* (1823)
 Reports of the Archaeological Survey Madras (1902-17).

II—SOCIAL AND CONSTITUTIONAL HISTORY.

(1-3) *Social and Economic Life and Administration.*

- * Zimmer ... *Altindisches Leben.*
 Rhys Davids ... *Buddhist India.*
 * Hillebrandt ... *Ritualliteratur, Chaps. I-II (Grundriss Series).*
 * Fick ... *Die Sociale Gliederung in Nordostlichen Indien*
 Mrs. Rhys Davids ... *Notes on Early Economic Conditions in Northern India. (J. R. A. S. London, 1901, pp. 159-88 Economic Journal for 1901).*
 * Kautilya ... *Arthashastra.*
 Rangaswami Aiyangar ... *Ancient Indian Polity*
 * Mahabharata-Santiparva, Sections 56-157.
 P. N. Banerjea ... *Public Administration in Ancient India.*
 * Manu ... *Institutes (Trans. Bühler).*
 * Ganutama and Baudhayana—*Dharma Sutras and Gobhila Grihya Sutras (Sacred Books of the East Series).*
 * Alberuni ... *India (omitting the mathematical details) (Trans. Sachau.)*
 * Periplus of the Erythraean Sea (Trans. Schoff)
 Rawlinson ... *India and the Western World*
 * D. R. Bhandarkar ... *Carmichael Lectures, First Series (1918).*
 R. C. Majumdar ... *Corporate Life in Ancient India.*
 R. K. Mookerjee ... *Local Government in Ancient India.*

(4) *Ethnology.*

- * Keane ... *Ethnology.*
 Ruggeri ... *The first outline of a systematic Anthropology of Asia (Tr. Chakladar).*
 Haddon ... *Races of Man.*
 Risley ... *Ethnographic Appendices (Census of India, 1901).*
 * Ditto ... *Peoples of India. (Second Edition.)*
 * Senart ... *Castes in India (Indian Antiquary, 1912, pp. 101-114 and pp. 129-139).*
 Thurston ... *Ethnographic Notes on Southern India (one Volume edition), pp. 101-114 and pp. 129-139.*
 * D. R. Bhandarkar ... *Foreign Elements in the Hindu Population (Indian Antiquary, 1911, pp. 7-37), Guhilot (J. A. S.B., 1910).*
 Ramaprasad Chanda ... *The Indo-Aryan Races.*
 * Risley ... *Manual of Anthropometry.*

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- Gupte, ... Craniological Data from the Indian Museum, Calcutta.
- Ducworth ... International agreements for unification of craniometric measurements (Camb. Univ. Press).

III—RELIGIOUS HISTORY.

General.

- *Hopkins ... Religions of India (Handbook on the History of Religions Series).
- *Barth ... Les Religions de L' Inde et Bulletins des religions de L'Inde Vols. I and II.
- Gupte ... Hindu Holidays and Ceremonies.
- (1) *Vedic Religion.*
- *Bloomfield ... Religion of Veda.
- *Macdonell ... Vedic Mythology.
- *Hillebrandt ... Ritualliteratur, Chaps. I, III and IV.

(2) *Epic and Pauranic Religions.*

- *R. G. Bhandarkar ... Vaisnavism, Saivism and Minor Religious Systems (omitting XIX-XXV of Part I).

(3) *Buddhism.*

- *Rhys Davids ... American Lectures.
- *Mrs. Rhys Davids ... Buddhism.
- *Kern ... Manual of Indian Buddhism.
- *Spence Hardy ... Manual of Buddhism.
- *Oldenberg ... Buddha.
- *I-tsing ... Records of the Buddhist Religion (Takakusu).
- *Fa Hian ... Travels (Legge).
- *Warren ... Buddhism in Translations.
- *Hoernle ... Manuscript remains of Buddhist Literature found in Eastern Turkestan, Vol I (the translations and notes only).

(4) *Jainism.*

- *Jacobi ... Introduction and Translation of the Jaina Sutras, Parts I and II (Sacred Books of the East, Vols. XXII and XLV).
- *R. G. Bhandarkar ... Report on the Search of Sanskrit Manuscripts in the Bombay Presidency during the year 1883-84. pp. 91-157.
- *Buhler ... On the Indian Sect of the Jainas (translated and edited with an outline of Jaina Mythology by Burgess).
- *Vijayanandasuri ... Sri-Jainatattvadarsa.
- Uvasagadasao ... Bib. Ind. Series.
- Hoernle ... Ajivakas (Enc. Rel. and Ethics).

IV—INDIAN ASTRONOMY AND MATHEMATICS. *

(1) *Mathematics.*

Selected texts on Mathematics for critical, historical and comparative study:—

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Sulva-Sutras

- *Thibaut ... On the Sulva-Sutras. (J. A. S. B., Vol. 44.)
The Pandit, Vols. 9 and 10 (Old Series;) Vols I
and 4 (New Series).
Burk ... Das Apastamba Sulva-Sutras. (Z. D. M. G., Vols.
55 and 56).

(2) *Mathematics.*

History of Mathematics, with special reference to the works of Aryabhatta I, Varaha Mihira, Brahmagupta, Aryabhatta II, Mahavira, Sridhara and Bhaskaracharya.

The following books are recommended :—

- *Aryabhatiam ... Edited by Dr. Kern.
Brahmasphuta-siddhanta ... Edited by Pd. Sudhakara Dvivedi.
*Mahavira ... Ganita-sara-sangraha (Madras).
Sridhara ... Trisatika, edited by Pd. Sudhakara Dvivedi.
Ditto ... Edited by G. R. Kaye and K. Ramanujachariya.
Lilavati and Vijaganita ... Edited by Pd. Sudhakara Dvivedi.
Ditto ... Edited by Pd. Radhaballabh Jyotistirtha.
Lilavati ... Edited by H. C. Banerji.
*Colebrooke ... Translation of the Lilavati and the Vijaganita,
and the Chapters on Mathematics in the
Brahmasphuta-siddhanta.
Smith, D. E. ... Hindu-Arabic Numerals.
Schubert, H. ... Mathematical Essays and Recreations, translated
by T. J. McCormack.

(3) *Astronomy.*

Selected text on Astronomy for critical, historical, and comparative study :—

*Surya-Siddhanta.

Editions and Translations recommended :—

- Surya-Siddhanta ... With Ranga Natha's Commentary.
Ditto ... Translated by Burgess and Whitney (J. Am
Orient Society, Vol. VI.)

(4) *Astronomy.*

History of Astronomy, with special reference to Jyotisha-Vedanga, Jaina Astronomy, the (modern) Surya-Siddhanta, and to the works of Aryabhatta I, Varaha Mihira, Brahmagupta, Aryabhatta II, Munjala, and Bhaskaracharya.

The following books are recommended :—

- Yajusha Jyotisham ... By Pd. Sudhakara Dvivedi.
*Thibaut ... Contributions to the Study of the Jyotisha-
Vedanga (J. A. S. B., 1877).
Ditto ... On the Surya prajnapiti (J. A. S. B., 1880).
*Aryabhatiyam ... Edited by Dr. Kern.
*Pancha-siddhantika ... Translated by Dr. Thibaut and Pd. Sudhakara
Dvivedi.
*Kern ... Preface to the Brihat-Samhita of Varaha
Mihira (Collected Works, Vol. 4).

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Brahma-sphuta-siddhanta	...	Edited by Pd. Sudhakara Dvivedi.
*Bhaskara	...	Siddhanta Siromani, edited by Pd. Bapudev Shastri.
Ditto	...	By Pd. Bapudev Shastri and Wilkinson.
*Bentley J.	...	Hindu Astronomy.
Bailley, J. F.	...	Historie l'e dastronomie ancienne depuis son origine jusqu'à l'establishment de l'ecole d'Alexandria (1871)
Playfair	...	(1) On the Astronomy of the Brahmins. (2) On the Trigonometry of the Brahmins (Collected Works, Vol. III).
*Brennad	...	Hindu Astronomy.
*Whitney	...	Oriental and Linguistic Studies (Series II, 1875); The twelfth Essay—The Lunar Zodiac, on the views of Biot and Weber respecting the relations of the Hindu and Chinese systems of asterisms; with an addition on Muller's views, etc.
Max Müller	...	On Ancient Hindu Astronomy and Chronology (Preface to Rig Veda, Vol. 4).
*Thibaut	...	Grundriss der Indo-arischen Philologie, Vol. III, No. 9. Articles in the "Indian Thought" on the History of Indian Astronomy.
Bhau Daji	...	Literary Remains.
Tilak	...	The Orion.
Do.	...	The Arctic Home of the Vedas.
Jones	...	Articles on Indian Astronomy (Collected Works, Vol. I).
Davis, S.	...	On Hindu Astronomy (As. Res, Vol. II).
Montucla	...	Histoire des Mathematiques, Vol. I, Part I, Book 3.
Delambre	...	Histoire de Astronomie Vol. I
Marie	...	Histoire des Sciences Mathematiques et Physiques, Vol. II. (The Articles on Aryabhata, Brahmagupta, Bhaskara).
Cantor	...	Geschichte der Mathematik.
Newcomb	...	Astronomy.

ANTHROPOLOGY

Syllabus

(X)

Paper I.

Physical Anthropology.

Zoological and Palaeontological.

Paper II.

Physical Anthropology.

Morphological, Physiological and Psychological.

Paper III.

Cultural Anthropology.

Archaeological and Technological.

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Paper IV.

Cultural Anthropology.

Linguistic and Sociological.

Papers V & VI.

GROUP A.

Physical Anthropology.

Racial History of the Caucasian peoples of Asia, North Africa and Europe.

Candidates may specialise, either in the Caucasian peoples of Asia and Northern Africa, or in those of Europe.

GROUP B.

Social Anthropology with special reference to the primitive tribes of India including history of primitive religious ideas and practices, social organisations, and domestic rights and usages.

GROUP C.

Social Anthropology with special reference to the religious and social institutions of the Indian peoples other than primitive tribes.

Paper VII.

Laboratory, Museum and Field work in Physical Anthropology.

Paper VIII.

Laboratory, Museum and Field work in Cultural Anthropology.

(Y)

Paper I.

Physical Anthropology including origin and antiquity of man.

Paper II.

Social Anthropology.

Paper III.

Pre-historic Archeology and Technology.

Paper IV.

Indian Ethnography.

(Z)

Paper I.

Outlines of physical and cultural Anthropology.

Paper II.

Indian Ethnology.

Lectures will be required in all these subjects. Lectures will also be required, under the Regulations, in the following subsidiary subjects, in so far as acquaintance with them is necessary for the proper understanding of Anthropology.

1. Archeology.
2. Human Anatomy.
3. Geography.
4. Psychology.
5. Geology.
6. Zoology.

7. Physiology.

8. Statistics with special reference to Biometries.

The following books are recommended for study for the Examination, 1922.

Paper I.

Physical Anthropology, Zoological and Palæontological.

- W. H. L. Duckworth ... Morphology and Anthropology, Vol. I, (2nd Edn)
Osborn ... Men of the Old Stone Age

Paper II,

Physical Anthropology, Morphological, Physiological and Psychological.

- Haddon, Keane ... Man, Past and Present, 1920, Chapters VI and XII-XV and the conspectus of other chapters.
Risley ... The People of India, Chapter I.
Chanda ... The Indo-Aryan Races, Chapters I and II.
Bhandarkar ... 'Foreign Elements in the Hindu Population.'
The Indian Antiquary, 1911, pp. 7-37.

Paper III.

Cultural Anthropology, Archæological and Technological.

- E. A. Parkyn ... Prehistoric Art.
Osborn ... Men of the Old Stone Age.
P. Mitra ... Prehistoric Cultures and Races of India.
Coomarswamy ... Arts and Crafts of India.

Papers IV.

Cultural Anthropology, Linguistic and Social.

- Marett ... Anthropology, Chapters V-X.
Risley ... The People of India, Chapters II, IV-VI.
Chanda ... The Indo-Aryan Races, Chapters III-V.

Papers V & VI

GROUP A.

Racial History of the Caucasian Peoples of Asia, North Africa and Europe.

Candidates may specialise either in the Caucasian Peoples of Asia and North Africa or of Europe.

A(1).

- Risley ... Tribes and Castes of Bengal, Anthropometrical Data.
Risley and Gupte ... Ethnographical Survey of India, Volumes containing Anthropometrical Data.
Haddon, Keane ... Man, Past and Present, Chapters VIII, IX, XIII-XV.
M. A. Czaplicka ... The Turks of Central Asia, 1919.
T. A. Joyce ... "On the Physical Anthropology of the Oases of Khotan and Keriya," Journal of the Royal Anthropological Institute, Vol. 33, pp. 305-24; "Notes on the Physical Anthropology of Chinese Turkestan and the Pamirs," *Ibid* Vol. 42, pp. 450-484.
Luschan ... The Early Inhabitants of Western Asia (Huxley Memorial Lecture for 1911) Journ. Roy. Anth. Inst., Vol. 41, pp. 221-44.

- C. G. Seligmann ... "The Physical Characters of the Arabs"
Juorn. Roy. Anthr. Inst., Vol 47 p. 214.
- G. Elliot Smith ... The Ancient Egyptians (Harper's Library of
Living Thought), 1911.
- C. G. and B. Z. Seligmann ... "Some Aspects of the Semitic Problem in
the Anglo-Egyptian Sudan" Juorn. Anthr.
Inst., Vol. 43, pp. 593-705.

A (2).

- W. Z. Ripley ... Races of Europe, 1900.
- Gustav Retzius ... The So-called North European Race of
Mankind (Huxley Memorial Lecture,
1909).
- John Beddoe ... Anthropological History of Europe, 1912.
- Fleure and James ... "Geographical Distribution of the Anthro-
pological Types in Wales", Journ. Anthr.
Roy. Inst, Vol. 46, pp. 35-143.
- V. Guiffrida Ruggeri ... "A Sketch of the Anthropology of Italy,"
Journ. Roy. Anthr. Inst., Vol. 48, pp.
80-102; The Origins of the Italian People,
American Journal of Physical Anthro-
pology Vol. I, pp 317-28.
- Fleure and Winstanley ... "Anthropology and Our Old History"
Journ. Roy. Anthr. Inst., Vol. 48,
pp. 155-58.
- A. A. Mendis Corea ... "Origins of the Portuguese" Am. Journ.
Phys. Anthropology, Vol. II, pp. 117-146.

PAPERS V AND VI.

GROUP B.

Social Anthropology with special reference to the primitive tribes of India.

- Emele Durkheim ... The Elementary Forms of the Religious Life,
Eng. Tran. by Swan., pp. 1-298.
- W. H. R. Rivers ... Kinship and Social Organisation.

Generalised accounts of the religious ideas and practices, social organisation and domestic rites and usages, of the primitive tribes of India from the volumes on Tribes and Castes of the different provinces, district Gazetteers, and separate Monographs and Memoirs. Candidates may specialise either in the primitive pre-Dravidian Tribes or in the Mongoloid tribes.

PAPERS V. AND VI

GROUP C.

Social Anthropology with special reference to the religious and social institutions of the Indian peoples other than primitive tribes.

PAPER V.

RELIGION—

Vedic—

Saunaka's *Bṛhaddevata* translated by A. A. Macdonell (Harvard Oriental Series).

- Eggeling ... Satapatha Brahmana Part I, pp. 1-338;
Part II, pp. 1-391.

Paurāṇik—

Raghuvānandana; Durgotasavatattva (*Tiṭhi-tattva* with Bengali translation published by the Bangabasi Press).

Tāntrik—

Krishnananda, ... Tantrasara, Sections relating to Sāmāṅga
pūjā and Kālī pūjā.

Folk religion—

The cult of Mangalachandi (personal observation and investigation).

PAPER VI.**Caste and the Caste Code.**

Muir's ... Sanskrit Texts Vol. I.

Laws of Manu, Chapters IX and X.

Ambattha Sutta (Rhys Davids, *Dialogues of the Buddha*, Part I, pp. 96-136).

Madhura Sutta Chalmer's translation. *Journal of the Royal Asiatic Society* 1894, p. 341.

Aggañña Sutta, the Dīgha Nikaya Pali Text Society, Vol. III, pp. 80-98

Notices of Castes in the Extracts from Megasthenes, in the works of the Chinese pilgrims and in Alberuni's *India*

Baine

... Ethnography, Strassburg, 1912

History and generalised accounts of Caste and Caste Code of the different provinces of India to be gathered from the volumes on castes and tribes of the different provinces and the publications of the Ethnographic Survey. Candidates may specialise either in the casts of provinces represented by the Pancha Gaudas:—Sārasvata (the Punjab), Kanyakubja (the United Provinces), Maithila (Behar), Gauda (Bangal), and Utkala (Orissa), or by the Pancha Dravidas:—Dravida (Tamil and Malayali), Kārṇāṭa (Canarese speaking), Trailanga (Telugu), Mahārāṣṭra (Marathi Speaking) and Gurjjara (Gujrat).

PAPER VII.

Field and Laboratory work under the general guidance of Professors.

Notes and Queries on Anthropology, Fourth Edition, Part I, pp. 1-16.

Alec Ardlick's contributions on anthropometry, craniometry and osteometry to the *American Journal of Physical Anthropology*, Vols. II and III.

PAPER VIII.

Field work under the general guidance of Professors

Notes and Queries on Anthropology, Fourth Edition, Part II,

G. S. Burne ... Hand book of Folklore, 1914.

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY.**PAPERS I AND II—General Economics.**

*A. Marshall ... Principles of Economics.

Ditto ... Industry and Trade.

*Tausig ... Principles of Political Economy.

*Bastable ... International Trade.

Pigou ... Wealth and Welfare.

Todd ... Mechanism of Exchange

Bartholomew and Lyde ... Atlas of Economic Geography (for reference).

PAPER III—General Principles of Political Philosophy.

*Sidgwick ... Principles of Politics.

J. S. Mill ... Liberty.

* Candidates are expected to possess a thorough acquaintances with the books marked with an asterisk.

*J. S. Mill	... Representative Government.
*Green	... Lectures on Political Obligations.
*Wiloughby	... Nature of the State.
Hobhouse	... Social Evolution and Political Theory.
Kant	... Perpetual Peace (Tr. Miss Campbell Smith).
Ramsay Muir	... Nationalism and Internationalism.
Theory of the State	... (Oxford Press.)

PAPER IV—*Public Administration.*

*Lowell	... Government of England.
*Dicey	... Law of the Constitution.
Bastable	... Public Finance
*Keith	... Responsible Government in the Dominions.
Egerton	... Rise and growth of British Colonies.
P. Mukerjee	... Indian Constitutional Documents.
Ayyangar	... Indian Constitution.

Imperial Gazetteer of India—Vol. IV (Administrative).

Fifth Report of the select Committee of the House of Commons, 1812 (Extracts and Documents published by the Calcutta University and Introduction to "Early Revenue History of Bengal," by Ascoli).

• Group A.

PAPER V—*General History of Economics.*

*Haney	.. History of Economic Thought.
*Gide and Rist	... A History of Economic Doctrines.
Meredith	... Economic History of England (from the Industrial Revolution).
Malthus	... Population (Selections, Economic Classics Series Macmillan & Co.).
Ricardo	... Political Economy (Selections, Economic Classics Series, Macmillan & Co.).
Adam Smith	... Select Chapters from Wealth of Nations. (Economic Classics Series, Macmillan & Co.)
Cunningham	... Growth of English Industry and Commerce—Modern Times, Part II (Laissez Faire).

PAPERS VI AND VII—(i) *The History, Theory and Present Systems of Banking and Currency.*

*Conant	... Principles of Money and Banking.
Pierson	... Principles of Economics, Vol. I, Part II (Money).
*Fisher	... Purchasing Power of Money.
*Dunbar	... History and Theory of Banking
Burton	... Commercial Crises.
*Withers	... Stocks and Shares.
Andreades	... History of the Bank of England.
Layton	... Introduction to Study of Prices.
Marshall's Evidence, Gold and Silver Commission, 1888.	
Report of the Royal Commission on Indian Currency and Finance, 1914.	

(ii) *History, Theory and Present Organisation of International Trade.*

Chapters bearing on the subject in Ricardo, J. C. Mill and Cairness.

List	... National System of Political Economy, Book II.
*Pigou	... Protective and Preferential Import Duties.

*Candidates are expected to possess a thorough acquaintance with books marked with an asterisk.

- Giffen ... The Use of Import and Export Statistics (Essay IX in Volume of Economic Inquiries and Studies).
- Goschen ... Foreign Exchanges.
- P. Ashley ... Modern Tariff History.
- Taussig ... Tariff History of the United States.
- Bowley ... England's Foreign Trade in the XIXth century
- *Brown ... International Trade and Exchange.
- *Taussig ... Aspects of the Tariff Question.
- Clare ... A. B. C. of Foreign Exchange.
- Marshall ... White paper on Tariff Policy.
- Views of the Government of India on the question of Preferential Tariffs, 1904, Ed. 1913.
- Review of the Trade of India (latest issue).

(iii) *The Theory and Practice of Statistics including Demography.*

- *A. L. Bowley ... Elements of Statistics.
- King ... Statistical Methods.
- Giffen ... Statistics.
- Bowley ... Measurement of Social Phenomena.
- Mayo Smith ... Statistics and Economics; Statistics and Sociology.
- *Yule ... Introduction to Statistics.
- Newsholme ... Vital Statistics.
- West ... Mathematical Statistics.
- The Jubilee Volume of the Royal Statistical Society.
- British and Foreign Trade and Industries, being Memoranda, etc. prepared by the Board of Trade (commonly called the Fiscal Blue Books).
- Imperial Gazatteers, Vol. I, Chapters IX and X.
- Moral and Material Progress of India (Decennial Edition, 1913).

(iv) *Mathematical Economics.*

- *Cunynghame ... Geometrical Political Economy.
- *Cournot ... Mathematical Principles of the Theory of Wealth (Economic Classics Series, Macmillan & Co.).
- *Jevons ... Theory of Political Economy.
- Marshall ... Principles of Economics (Mathematical appendices.)
- *Pantaleoni ... Pure Economics.
- Edgeworth ... Mathematical Psychics.
- Wicksteed ... Alphabet of Economic Science.
- *Ditto ... Common Sense of Political Economy.
- Articles by Flux, Seager, Chapman, Pigou and Edgeworth in the "Economic Journal" (bearing on Mathematical Economics),
- Pigou ... Wealth and Welfare.

(v) *Elements of Statistics and the Mathematical treatment of Economic Theory.*

- Giffen ... Statistics.
- Mayo Smith ... Statistics and Economics.
- *Yule ... Introduction to Statistics.
- *Cunynghame ... Geometrical Political Economy.

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

- | | | |
|-------------|-----|---|
| *Cournot | ... | Mathematical Principles of the Theory of Wealth (Economic Classics Series, Macmillan & Co.) |
| *Pantaleoni | ... | Pure Economics. |
| Wicksteed | ... | Common Sense of Political Economy. |

Group B.

Paper V—General History of Political Philosophy.

Theories of the State contained in—

- | | | |
|------------|-----|---|
| *Aristotle | ... | Politics. |
| *Hobbes | ... | Leviathan. |
| *Locke | ... | Second Treatise on Government. |
| *Rousseau | ... | Social Contract. |
| Kant | ... | Principles of Politics (Hastie's translation of the four Essays on Political Theory) |
| *Bentham | ... | Fragment on Government. |
| *Dunning | ... | History of Political Theories.
(a) Ancient and Mediæval.
(b) From Luther to Montesquieu |
| Burns | ... | Political Ideals. |

Papers VI and VII—Comparative Study of Political Institutions.

- | | | |
|-----------------------|-----|--|
| *Kautilya | ... | Arthashastra (Translation by Shama Sastri). |
| Rangaswami Aiyangar | ... | Ancient Indian Polity. |
| Pramathanath Banerjea | ... | Public Administration in Ancient India. |
| *Aristotle | ... | Constitution of Athens (Tr. Poste) |
| *Woodrow Wilson | ... | Constitutional Government. |
| *Coulanges | ... | Ancient City (Tr. Small.) |
| *Warde Fowler | ... | The City State of the Greeks and Romans. |
| *Maine | ... | Ancient Law. |
| *Sidgwick | ... | Growth of European Polity. |
| *Freeman | ... | Comparative Politics. |
| *Lowell | ... | Governments and Parties in Continental Europe. |
| *Allen | ... | Evolution of Governments and Laws. |
| Ogg | ... | Governments of Europe. |
| Sidney Law | ... | Governance of England. |

Comparative Study of Social Institutions.

- | | | |
|-------------|-----|-----------------------------------|
| Lester Ward | ... | Dynamic Sociology, Vol. II. |
| *Giddings | ... | Principles of Sociology, Vol. II. |
| Mayo Smith | ... | Sociology, Vol. II. |
| *Tylor | ... | Primitive Culture. |
| Trazer | ... | Totemism and Exogamy, Vol. II. |
| *Mackenzie | ... | Social Philosophy. |
| Fairchild | ... | Applied Sociology. |
| Risley | ... | Peoples of India. |

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Gait	... Census Report for India, 1911.
Durell	... Fundamental Sources of Efficiency.

International Law with reference to existing Political and Economic Institutions.

*Hall	... International Law.
*Westlake	... International Law (Peace and War), 2 vols.
*Higgins	... Hague Peace Conferences.
*Wheaton	... International Law, edited by Philipson.
*Pitt Cobbett	... Cases on International Law, 2 vols.
*Stowell and Monro	... International Cases, 2 vols.
Woolf	... International Government.

Paper VIII—Essay.

GROUPS A AND B.

Candidates will be required to write an essay on some topic connected with one of the following subjects: the essay must treat the topic chosen by the candidate with special reference to Indian conditions:—

- | | |
|-----------------------------|-------------------------|
| 1. Famines. | 6. Land Systems. |
| 2. Co-operation* | 7. Forms of Government. |
| 3. Railways. | 8. Statistical Studies. |
| 4. Industrial Organisation. | 9. Village Communities. |
| 5. Currency Problems. | 10. Labour Problems. |

M.A. AND M.Sc. EXAMINATIONS, 1922.

PURE MATHEMATICS.

NOTE.—It is to be understood that, in the following list of books, wherever a book is recommended for a subject, students are expected to read those parts of the book only which deal with that particular subject:—

- Higher Algebra—

Chrystal	... Algebra, Part II, Chapters 23-28, 32-34.
Wilczinski and Slaught	... College Algebra with applications (Allyn & Bacon, New York).
- Higher Plane Trigonometry—

Hobson	... Plane Trigonometry.
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- Spherical Trigonometry—

Casey	... Spherical Trigonometry.
Todhunter	... Spherical Trigonometry. (Ed. Leathem.)
- Theory of Equations and Algebra of Quantics—

Burnside and Panton	... Theory of Equations.
Glenn	... Theory of Invariants (Ginn & Co.)
Elliot	... Introduction to the Algebra of Quantics.

* Candidates are expected to possess a thorough acquaintance with the book marked with an asterisk.

5. **Plane Analytical Geometry, including Higher Plane Curves—**

Salmon	...	Conic Sections.
Do.	...	Higher Plane Curves.
Basset	...	Treatise on Cubics and Quartics.
S. M. Ganguly	...	Plane Curves.
6. **Geometry of Surfaces —**

Salmon	...	Geometry of Three Dimensions, 5th Ed., Vol. I, Chapters I-X.
Bell	...	Analytical Geometry of Three Dimensions.
Forsyth	...	Differential Geometry, Chapters I-V.
7. **Differential Calculus—**

Edwards	...	Differential Calculus.
Williamson	...	Ditto.
Goursat	...	Mathematical Analysis, Vol. I. (Trans. Hedricks.) (Ginn & Co.)
8. **Integral Calculus—**

Williamson	...	Integral Calculus.
Todhunter	...	Ditto.
Goursat	...	Mathematical Analysis, Vol. I. (Trans. Hedricks.) (Ginn & Co.)
9. **Differential Equations—**

Bateman	...	Differential Equations.
Forsyth	...	Differential Equations.
Goursat	...	Mathematical Analysis, Vol. II. (Trans. Hedricks.) (Ginn & Co.)
10. **Calculus of Variations—**

Byerly	...	Introduction to Calculus of Variations (Harvard University Press),
Bolza	...	Calculus of Variations, Chapters, I-III.
11. **(a) Theory of Functions—**
 Either of the following alternative courses:—

A		
MacRobert	...	Functions of a Complex Variable (Macmillan & Co.).
Townsend	...	Functions of a Complex Variable (Henry Holt & Co.).
Goursat	...	Mathematical Analysis, Vol. II, Part I. (Trans. Hedricks.) (Ginn & Co.).
Klein	...	Lectures on Mathematics.
B		
Hobson	...	Theory of Functions of a Real Variable (omitting Chapter III.)
Huntington	...	Continuum (Harvard University Press).
- (b) Theory of Groups—**

Miller, Blichfeldt and Dickson	...	Finite Groups (John Wiley & Sons).
Burnside	...	Theory of Groups.
Klein	...	Lectures on Icosahedron (Tr, Morrice), Part I only.

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|------------|-----|--|
| Hilton | ... | Finite Groups (Oxford). |
| Blichfeldt | ... | Finite Collineation Groups (Chicago University Press). |
| Dickson | ... | Algebraic Equations. |
- (c) **Finite Differences and Calculus of Functions—**
- | | | |
|---------------|-----|---|
| Boole | ... | Finite Differences. |
| Burn and Bron | ... | Ditto. |
| Carmichael | ... | Calculus of Operations. |
| Herschel | ... | Examples of Calculus of Finite Differences. |
| Babbage | ... | Examples of Functional Equations. |
| De Morgan | ... | Calculus of Functions. |
- (d) **Vector Analysis and Quaternions—**
- | | | |
|----------|-----|--|
| Joly | ... | Quaternions. |
| Hamilton | ... | Elements of Quaternions. (Ed. Joly), Vol. I, Books I-II. |
- (e) **Projective Geometry—**
Either of the following alternative courses :—
- A**
- | | | |
|-------------|-----|--|
| Mathews | ... | Projective Geometry. |
| Durell | ... | Plane Geometry for Advanced Students, Vol II. |
| Cremona | ... | Projective Geometry. |
| Hilbert | ... | Foundations of Geometry (Trans. Townsend) (Open Court Publishing Co.). |
| Silberstein | ... | Projective Vector Algebra. |
- B**
- | | | |
|-------------|-----|---|
| Frankland | ... | Theories of Parallelism (Cambridge University Press). |
| Lobachevski | ... | Theory of Parallels (Trans Halsted) (Open Court Publishing Co.). |
| Bolyai | ... | Science Absolute of Space (Trans. Halsted) (Open Court Publishing Co.). |
| Bonola | ... | Non-Euclidean Geometry (Trans. Carslaw) (Open Court Publishing Co.). |
| Carslaw | ... | Non-Euclidean Geometry and Trigonometry. |
| Sommerville | ... | Non-Euclidean Geometry. |
| Manning | ... | Geometry of Four Dimensions. |
- (f) **Theory of Numbers—**
- | | | |
|------------|-----|---|
| Reid | ... | Theory of Algebraic Numbers. |
| Mathews | ... | Theory of Numbers. |
| Smith | ... | Reports on the Theory of Numbers (Collected papers, Vol I, pages 38—364). |
| Dedekind | ... | Essays on the Theory of Numbers (Trans. Beman) (Open Court Publishing Co.). |
| Huntington | ... | Continuum (Harvard University Press). |
| Cantor | ... | Transfinite Numbers (Translated by P. B. Jourdain) (Open Court Publishing Co.). |

MIXED MATHEMATICS.

Note.—It is to be understood that, in the following list of text-books, wherever a book is recommended for a subject, students are expected to read those parts of the book only which deal with that particular subject :

1. Advanced Statics, including Theory of Potential—

Minchin	...	Statics.
Routh	...	Statics.
Pierce	...	Newtonian Potential,

2. Dynamics of a Particle—

Besant	...	Dynamics.
Routh	...	Dynamics of a Particle.
Tait and Steele	...	Dynamics of a Particle.

3. Rigid Dynamics—

Routh	...	Elementary Rigid Dynamics.
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4. Hydrostatics, including Capillarity—

Besant and Ramsey	...	Hydromechanics, Part I (Hydrostatics.)
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5. Hydrodynamics—

Houstoun	...	Mathematical Physics, Chapter II.
Besant and Ramsey	...	Hydromechanics, Part II.
Lamb	...	Hydrodynamics.

6. Spherical Astronomy—

Ball	...	Spherical Astronomy.
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7. (a) Theory of Elasticity—

Love	...	Theory of Elasticity, 2nd edition.
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Candidates are also recommended to refer to—

Todhunter and Pearson	...	History of Theory of Elasticity.
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(b) Advanced Dynamics—

Whittaker	...	Analytical Dynamics.
Routh	...	Advanced Rigid Dynamics.
Hertz	...	Principles of Mechanics.
Gray	...	Gyrostatics.

(c) Higher Parts of Spherical Astronomy—

Chauvenet	...	Spherical Astronomy.
Newcomb	...	Spherical Astronomy.

(d) Lunar and Planetary Theories—

Adams	...	Lectures on Lunar Theory.
Darwin	...	Lectures on Lunar Theory. (Scientific papers, Vol. V.)
Airy	...	Mathematical Tracts.
Brown	...	Lunar Theory.
Cheyne	...	Planetary Theory.

Moulton	... Celestial Mechanics.
Plummer	... Dynamical Astronomy.

(e) Figure of the Planets—

Todhunter	... History of Attraction and Figure of the Earth
Clarke	... Geodesy.
Jeans	... Problems of Cosmogony and Stellar Dynamics
Love	... Figure and Shape of the Earth.
Thomson and Tait	... Natural Philosophy.
Clarke and Helmert	... 'Geodesy' in the <i>Encyclopædia Britannica</i> , 11th Edition.
Airy	... Figure of the Earth (Enc. Metr.)
Pratt	... Figure of the Earth.
Airy	... Mathematical Tracts.
Indian Trigonometrical Survey	'Professional Papers.'

(f) Theory of Tides—

Basset	... Hydrodynamics.
Love	... Geodynamics.
Airy	... Tides and Waves (Enc. Meter.)
Darwin	... Tides and kindred Phenomena (Murray.)
Darwin	... Tides (Enc. Britt.)
Darwin	... Scientific papers:—

1. The Tides. (Vol. IV, pp. 185-263.)
2. The Dynamical Theory of the Tides. (Vol. I, pp. 347-365.)
3. The Dynamical Theory of the Tides of Long Period. (Vol. I, pp. 365-371.)
4. On the Correction to the Equilibrium Theory of Tides for the Continents. (Vol. I, pp. 328-339.)
5. The Harmonic Analysis of Tidal Observations (Vol. I, pp. 1-69.)
6. The Harmonic Analysis of Tidal Observations of High and Low Water. (Vol. I, pp. 157-181.)
7. On Tidal Prediction. (Vol. I, pp. 258-291.)
8. On the Disturbance of the Vertical near the Coasts of Continents due to the Rise and Fall of the Tide. (Vol. I, pp. 450-458.)
9. Evaluation of the Rigidity of the Earth from the Tides of Long Period. (Vol. I, pp. 340-346.)
10. On the Bodily Tides of Viscous and Semi-elastic Spheroids, and on the Ocean Tides upon a Yielding Nucleus. (Vol. III, pp. 1-33.)
11. Problems connected with the Tides of a Viscous Spheroid. (Vol. III, pp. 140-194.)

PHYSICS.

No text-books are prescribed or recommended. The students are required to consult their Professors as to a suitable course of reading which should include the study of original papers.

CHEMISTRY

To be notified hereafter

BOTANY.

No text-books are prescribed. The subject is to be read in accordance with the prescribed Syllabus.

PHYSIOLOGY.

No text-books are prescribed.

In Section 7, Chapter XXXVII of the Regulations, in first paragraph of the Syllabus in Physiology for the M.Sc. Examination, the expression "a particular branch" be interpreted to mean one of the following branches:—

1. Circulation and Respiration.
2. Alimentation and Metabolism.
3. Physiology of the Nervous System and the Organs of Sense.
4. Nerve and Muscle Physiology.
5. Histology and Reproduction.

The four theoretical papers in Physiology be distributed so as to cover the following subjects:—

Paper I. Circulation, Respiration, Alimentation, Metabolism, and Reproduction (compulsory to all candidates.)

Paper II. Nervous System and Muscular System. (Candidates offering a piece of research work falling under the head of "Organs of Sense" will be exempted from this Paper.)

Paper III. Organs of Sense (Candidates offering a piece of research work falling under any of the following heads—Circulation, Respiration, Alimentation, Metabolism, Reproduction, Nervous System, Muscular System, and Histology, will be exempted from this paper.)

Paper IV. The branch of Physiology professed by the candidate for special study.

The Practical Examination will include—

Paper I. Experimental Physiology. (Candidates offering research work falling under the head of Histology or Chemical Physiology will be exempted from this paper.)

Paper II. Histology. (Candidates offering research work falling under the head of Chemical Physiology will be exempted from this paper.)

Paper III. Chemical Physiology.

Paper IV. Candidates' special subject.

GEOLOGY.

No text-books are prescribed or recommended. The subject is to be studied in accordance with the Syllabus prescribed in the Regulations.

EXPERIMENTAL PSYCHOLOGY.

Paper I — Physiological Psychology.

Lickly
Greenwood

... The Nervous System.
.. Physiology of the Special Senses
(Selections).

Wundt	... Physiological Psychology (Selections)
Ziehen	... Physiological Psychology.
Titchener	... Text Book of Psychology.
Myers	... Text Book of Experimental Psychology
Kulpe	... Outlines of Psychology.
Wundt	... Outlines of Psychology.
James	... Principles (Selections).
Stout	... Analytic Psychology (Selections).
Ladd and Woodworth	... Elements of Physiological Psychology (Selections)
Rand	... Classical Psychologists.

Paper II—Abnormal Psychology.

Mercier	... Text Book of Insanity.
Binet	... Alternations of Personality.
Sidis	... Psychology of Suggestion.
Sidis and Goodhart	... Multiple Personality.
Prince	... Dissociation of Personality.
Do.	... The Unconscious.
Jung	... Analytical Psychology.
Freud	... Interpretations of Dreams.
Do.	... Hysteria and other Psychoneurosis.
Hitschmann	... Freud's Theory of Neurosis.

Paper III.—Animal Psychology

Holmes	... Evolution of Animal Intelligence.
Lloyd Morgan	... Comparative Psychology.
Washburn	... Animal Mind.
Thorndike	... Animal Intelligence (Selections).
Loeb	... Comparative Anatomy of the Brain and Comparative Psychology (Selections).
Romanes	... Animal Intelligence.
Hobhouse	... Mind in Evolution.

Paper IV—Child Psychology.

Tredgold	... Mental Deficiency.
Preyer	... Mind of the Child, 2 vols.
Pyle	... Educational Psychology.
Froebel	... The Education of Man.
Montessori	... Handbook.
Thorndike	... Educational Psychology. (Brief course)
Tracy	... Psychology of Childhood.
Practical works—	
Myers	... Text Book of Experimental Psychology Vol. II.
Titchener	... Student's Manual—Qualitative and Quantitative.
Sanford	... Experimental Psychology.
Whipples	... Physical and Mental tests.

DIPLOMA IN SPOKEN ENGLISH, 1920, 1921, 1922.

Written Examination.

Simple questions will be set on—

- The organs of speech.
- The use of the voice (articulation, phrasing, pitch).
- The classification and production of sounds.

Students are recommended to consult the following books :—

*D. Macintyre	... Sources and sounds of the English Language.
*H. H. Hulbert	... Voice Training Speech and Song.
*W. Rippman	... Elements of Phonetics.
*W. Rippman	... Sounds of English.
W. Victor	... The Teachers' Manual.
H. Sweet	... Sounds of English.
H. Sweet	... Primer of Spoken English
Jespersen	... History of English Language, Part I.
*G. Noel Armfield	... General Phonetics.
*Daniel Jones	... Pronunciation of English.
*Robert Bridges	... On the present state of English Pronunciation (Essays and Studies of Members of the English Association Series).

The more important books in the above list are marked with asterisks.

LICENTATE IN TEACHING EXAMINATION, 1920.

(1) The Theory and Practice of Teaching in relation to Mental and Moral Science, and (2) Methods of teaching Specific Subjects and School Management—

Books recommended.

Thorndyke	... Elements of Psychology.
G. D. Banerjee	... A Few Thoughts on Education (S. K. Lahiri & Co., Calcutta)
Barnett	... Teaching and Organization
James	... Talks to Teachers on Psychology and to students on some of Life's Ideals
Sully	... The Teacher's Hand-book of Psychology, new edition, 1909 (Longmans Green & Co.)
Michael West	... Education and Psychology
Welton	... Principles of Teaching (University Tutorial Press)
Findlay	... The School (Home University Library)

The suggestions for the consideration of teachers and others concerned in work of the Public Elementary Schools. (Board of Education London)

(3) Selected Educational Classics—

Spencer	... Education
Stanley	... Life of Arnold, Chapter III

(4) English—

Frederic Harrison	... Choice of Books
Goldsmith	... Traveller and Deserted Village

LICENTIATE IN TEACHING EXAMINATION, 1921.

(1) The Theory and Practice of Teaching in relation to Mental and Moral Science, and (2) Methods of Teaching Specific Subjects and School Management—

Books recommended.

Margerison	... Psychology and Education.
Ditto	... Ethics and Education.
G. D. Banerjee	... A Few Thoughts on Education (S. K. Lahiri & Co., Calcutta).
Barnett	... Teaching and Organization.
James	... Talks to Teachers on Psychology and to Students on some of Life's Ideals.
Sully	... The Teacher's Hand-Book of Psychology, new edition, 1909 (Longmans, Green, & Co.).
Michael West	... Education and Psychology.
Welton	... Principles of Teaching (University Tutorial Press).
Findlay	... The School (Home University Library).

The suggestions for the consideration of teachers and others concerned in work of Public Elementary Schools. (Board of Education, London).

(3) Selected Educational Classics—

Spencer	... Education.
Stanley	... Life of Arnold, Chapter, III.
(4) English—	
Dickens	... Pickwick Papers.
Goldsmith	... Traveller and Deserted Village.
Gray	... Elegy and Progress of Poesy.

LICENTIATE IN TEACHING EXAMINATION, 1922.

(1) The Theory and Practice of Teaching in relation to Mental and Moral Science, and (2) Methods of Teaching Specific Subjects and School Management—

Books recommended.

Thorndyke	... Elements of Psychology.
G. D. Banerjee	... A Few Thoughts on Education (S. K. Lahiri & Co., Calcutta).
Barnett	... Teaching and Organisation.
James	... Talks to Teachers on Psychology and to students on some of Life's Ideals.
Sully	... The Teachers' Hand-Book of Psychology, new edition, 1909 (Longmans, Green & Co.).
Michael West	... Education and Psychology.
Mackenzie	... Instruction in Indian Secondary Schools.
Findlay	... The School (Home University Library).
Raymont	... Principles of Education.

The suggestions for the consideration of teachers and others concerned in work of Public Elementary Schools. (Board of Education, London).

(3) Selected Educational Classics—

Locke	... Thoughts on Education.
Stanley	.. Life of Arnold, Chapter III.

(4) English—

R. L. Stevenson	... Treasure Island.
Webb	... Selections from Tennyson.
Alexander Smith	... Dreamthorp
[The following pieces are selected to be read :—	
	1. Dreamthorp.
	2. A Lark's Flight.
	3. Christmas.
	4. On the Importance of a man to Himself.
	5. Books and Gardens.
	6. On Vagabonds.]

B.T. EXAMINATION, 1920.

(1) The Theory and Practice of Teaching in relation to Mental and Moral Science, and (2) Methods of Teaching Specific Subjects and School Management—

Books recommended.

James	... Talks to Teachers on Psychology and to Students on some of Life's Ideals
McDougall	... Physiological Psychology (J. M. Den & Co., London.)
Sully	... The Teacher's Hand-book of Psychology, new edition, 1909 (Longmans, Green & Co.,)
Michael West	... Education and Psychology.
Warner	... The Study of Children and their School Training,
Thorndyke	... Elements of psychology.
J. Adams	... Exposition and Illustration in Teaching (Macmillan & Co.).
Adamson	... The Practice of Instruction (National Society's Depository).
G. D. Banerjee	... A Few Thoughts on Education (S. K. Lahiri & Co., Calcutta).
Russell	... An Introduction to Logic from the standpoint of education (Macmillan).
Welton	... Principles of Teaching (University Tutorial Press).
Barnett	... Common Sense in Education.
Findlay	... The School (Home University Library).

The suggestions for the consideration of teachers and others concerned in work of Public Elementary Schools. (Board of Education, London)

(3) History of Educational Ideas and Methods—

Institutes of Manu, Chapter II.

Lalita-Vistara, Chapter X (Rajendralala Mitra's translation and notes).

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|------------------|-----|---|
| Saratchandra Das | ... | Paper on Universities in Ancient India
<i>Hindustan Review</i> , March, 1906) |
| Ameer Ali. | ... | Spirit of Islam, Chapter XVIII. |
| Macdonald | ... | Moral Training of the Young Muslims,
(<i>International Journal of Ethics</i>
April, 1905). |
| Munro | ... | Outlines of the History of Education
(Macmillan & Co.) |
| Quick | ... | Educational Reformers |
| James (H.R.) | ... | Education and Statesmanship in India |
| Sadler | ... | Special Reports on Educational Sub-
jects Vol. IX—Education in Ger-
many—
(i) The Unrest in Secondary Educa-
tion in Germany and elsewhere,
(ii) Note on the Revised Curricula
and Programmes of Work for
Higher Schools for boys in Prussia,
1901.
(iii) The smaller Public Elementary
Schools of Prussia and Saxony, with
Notes on the Training and Position
of Teachers.
(iv) On the Measurement of Mental
Fatigue in Germany. |
| Sadler | ... | Special Reports on Educational Sub-
jects, Vol. XI—Education in the
United States of America
(i) The Curricula of the American
Secondary Schools.
(ii) Secondary Education in a Demo-
cratic Community.
(iii) A comparison between English
and American High Schools.
(iv) Some notes on American Univer-
sities.
(v) A Contrast between German and
American Ideals in Education |
| Sharp | ... | The Educational System of Japan
(Government Central Press,
Bombay). |
- (4) Selected Educational Classics—
- | | | |
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| Spencer | ... | Education. |
| Rousseau | ... | Emile (International Education Series,
if available ; or any School edition). |
| Stanley | ... | Life of Arnold (Chapter III). |

B.T. EXAMINATION, 1921.

(1) The Theory and Practice of Teaching in relation to Mental and Moral Science, and (2) Methods of Teaching Specific Subjects and School Management—

Books recommended.

James	... Talks to Teachers on Psychology and to Students on some of Life's Ideals.
McDougall	... Physiological Psychology, (J. M. Dent & Co., London).
Sully	... Teacher's Hand-book of Psychology, new edition, 1909 (Longmans, Green & Co.)
Michael West	... Education and Psychology.
Warner	... The Study of Children and their School Training.
Thorndyke	... Elements of Psychology.
J. Adamson	... Exposition and Illustration in Teaching (Macmillan and Co).
Adamson	... The Practice of Instruction (National Society's Depository).
G. D. Banerjee	... A Few Thoughts on Education (S. K. Lahiri and Co., Calcutta).
Russell	... An Introduction to Logic from the standpoint of Education (Macmillan).
Welton	... Principles of Teaching (University Tutorial Press).
Barnett	... Common Sense in Education.
Findlay	... The School (Home University Library)

The suggestion for the consideration of teachers and others concerned in work of Public Elementary Schools. (Board of Education, London).

(3) History of Educational Ideas and methods—

Institutes of Manu	... Chapter II.
Lalita-Vistara	... Chapter X (Rajendralala Mitra's translation and notes).
Saratchandra Das	... Paper on Universities in Ancient India (<i>Hindustan Review</i> , 1906).
Ameer Ali	... Spirit of Islam, Chapter XVIII.
Macdonald	... Moral Training of the Young Muslims (<i>International Journal of Ethics</i> , April, 1905).
Munro	... Outlines of the History of Education (Macmillan & Co).
Quick	... Educational Reformers.
James (H. R.)	... Education and Statesmanship in India.

- Sadler ... **Special Reports on Educational Subjects, Vol. IX—Education in Germany—**
 (i) The Unrest in Secondary Education in Germany and elsewhere.
 (ii) Note on the Revised Curricula and Programmes of work for Higher Schools for boys in Prussia, 1901.
 (iii) The smaller Public Elementary Schools of Prussia and Saxony, with Notes on the Training and Position of Teachers.
 (iv) On the Measurement of Mental Fatigue in Germany.
- Sadler ... **Special Reports on Educational Subjects, Vol. XI—Education in the United States of America—**
 (i) The Curricula of the American Secondary Schools.
 (ii) Secondary Education in a Democratic community.
 (iii) A Comparison between English and American High Schools.
 (iv) Some Notes on American Universities.
 (v) A Contrast between German and American Ideals in Education.
- Sharp ... **The Educational System of Japan (Government Central Press, Bombay).**
- (4) **Selected Educational Classics—**
- Spencer ... **Education.**
- Rousseau ... **Emile (International Education Series, if available ; or any School edition).**
- Stanley ... **Life of Arnold (Chapter III).**

B.T. EXAMINATION, 1922.

(1) The Theory and Practice of Teaching in relation to Mental and Moral Science, and (2) Methods of Teaching Specific Subjects and School Management—

Books recommended.

- James ... **Talks to Teachers on Psychology and to students on some of Life's Ideals.**
- McDougall ... **Physiological Psychology (J. M. Dent & Co., London).**
- Sully ... **The Teachers' Hand-Book of Psychology, new edition, 1909. (Longmans, Green & Co.)**
- Michael West ... **Education and Psychology.**
- Kirkpatrick ... **Fundamentals of Child Study.**

Thorndyke	... Elements of Psychology.
J. Adams	... Exposition and Illustration in Teaching (Macmillan & Co.)
Adamson	.. The Practice of Instruction (National Society's Dispository)
G. D. Banerjee	.. A few Thoughts on Education (S. K. Lahiri & Co., Calcutta).
Mackenzie	... Instruction in Indian Secondary Schools.
Raymont	... Principles of Education.
Russell	... An Introduction to Logic from the stand- point of Education (Macmillan).
Findlay	... The School (Home University Library).

The suggestions for the consideration of teachers and others concerned in work of Public Elementar Schools. (Board of Education, London).

(3) History of Educational Ideas and Methods—

Institutes of Manu, Chapter II.

Lalita-Vistara, Chapter X (Rajendralal Mitra's translation and notes).

Saratchandra Das	... Papar on Universities in ancient India (Hindusthan Review, March, 1906).
Key	... Ancient Indian Education.
Amir Ali	... Spirit of Islam, Chapter XVIII.
Macdonald	.. Moral Training of the Young Muslims (International Journal of Ethics, April, 1905).
Monroe	.. A brief Course of the History of Education (Macmillan & Co.).
Quick	... Educational Reformers
James (H. R.)	... Education and Statesmanship in India.
Sadlar	.. Special Reports on Educational sub- jects, Vol. IX—Education in Germany— (i) The Unrest in Secondary Educa- tion in Germany and elsewhere. (ii) Note on the Revised Curricula and Programmes for Work for Higher Schools for boys in Prussia, 1901. (iii) The Smaller Public Elementary Schools of Prussia and Saxony, with Notes on the Training and Position of Teachers. Special Reports on Educational Subjects, Vol. XI—Education in the United States of America— (i) The Curricula of the American Secondary Schools. (ii) Secondary Education in a Democratic Community.

- (iii) A Comparison between English and American High Schools.
- (iv) Some Notes on American Universities.
- (v) Contrast between German and American Ideals in Education.
- Sharp ... The Educational System of Japan (Government Central Press, Bombay).
- (4) Selected Educational Classics—
- Locke ... Thoughts of Education.
- Rousseau ... Emile (International Education Series if available; or any School edition).
- Stanley ... Life of Arnold, Chapter III.

PRELIMINARY EXAMINATIONS IN LAW, JULY, 1920,
AND JANUARY, 1921.

- (i) Jurisprudence ... Maine's Law (edited by Sir F. Pollock); Holland's Jurisprudence (12th edition).
- (ii) Elements of Roman Law and the Principles of Legislation. Bagchi's Roman Private Law; Jethro Brown's Underlying Principles of Modern Legislation.
- (iii) Hindu Law ... Mitakshara, Chapter I. Sections 1-5; Chapter II, sections 1-10; Dayabhaga Chapters 1, 2, 5 and 11; Jogendranath Bhattacharyya's Hindu Law, 3rd edition. Vol. I. Part II; Mayne's Hindu Law and Usage; Golapchandra Sarkar's Hindu Law; or Jogendrachandra Ghosh's Principles of Hindu Law, Vol. I; University Selection of Leading Cases.

The following Leading cases to be studied in the original judgments as expositions of important legal principles:—

HINDU LAW.

1. Hunooman Pershad Panday v. Babooi Munraj Kunwar, 6 M. I. A., 393; 18 W. R., 81.
2. Bhagwandeon Doboy v. Myna Bai, 11 M. I. A., 487; 9 W. R., P. C., 23.
3. Gurugovind v. Anand Lal, 13 W. R., F. B., 49.
4. Tagore v. Tagore, 9 B. L. R., 377; 18 W. R., 359.
5. Moniram Kalita v. Kerry Kalitani, 7 I. A., 115; I. L. R., 5 Cal. 776.
6. Sree Balusu Gurulingaswami v. Balusu Ramalakshana, I. L. R., 21 All., 460.

7. Harilal v. Tripura, I. L. R., 40 Cal., 650.
8. Debiprasad v. Golap Bhagat, I. L. R., 40 Cal., 721.
9. Ramchandra v. Vinayak, L. R., 41 I. A., 290.
10. Bhupatinath v. Ramlal, I. L. R., 37 Cal., 128.

**PRELIMINARY EXAMINATIONS IN LAW,
JULY 1921, and JANUARY, 1922.**

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|---|---|
| (i) Jurisprudence | Maine's Ancient Law (edited by Sir F. Pollock); Holland's Jurisprudence (12th edition). |
| (ii) Elements of Roman Law and the Principles of Legislation. | Bagchi's Roman Private Law; Jethro Brown's Underlying Principles of Modern Legislation. |
| (iii) Hindu Law | Mitakshara Chapter I. sections 1-5; Chapter II, sections 1-10; Dayabhaga Chapters 1, 2, 5, and 11; Jogendra Nath Bhattacharyya's Hindu Law 3rd edition, Vol. I Part II; Mayne's Hindu Law and Usage; Golapchandra Sarkar's Hindu Law; or Jogenchandra Ghosh's Principles of Hindu Law, Vol. I; University Selection of Leading Cases. |

Leading Cases to be studied in the original judgments as expositions of important legal principles will be notified later on

**PRELIMINARY EXAMINATIONS IN LAW, JULY, 1922 AND
JANUARY, 1923.**

To be notified later on.

**INTERMEDIATE EXAMINATIONS IN LAW, JULY, 1920 AND
JANUARY, 1921.**

- | | |
|--|---|
| (i) Muhammadan Law | ... Sirajiya (except the details as to succession of distant kindred) Amir Ali's Students' Manual of Muhammadan Law; or Mulla's Principles of Muhammadan Law (omitting the details as to the succession of distant kindred); University Selection of leading cases. |
| (ii) The law relating to persons | ... Act IX of 1875 (Majority); Campbell's Principles of English Law Chapters IV, V, VIII, XII—XV. University selection of Leading Cases. |
| (iii) The Law relating to Property— | |
| (a) The Law of Transfer <i>inter vivos</i> | ... Act IV of 1882 (Transfer of Property Act); act III of 1877 (Registration) sections 17, 18, 48, 49, 50; University Selection of Leading Cases. |

- (b) Principles of the English Law of Real Property and the Law of Intestate and Testamentary Succession (exclusive of the Hindu and the Muhammadan Law of Intestate Succession).

Williams, Principles of the Law of Real Property (22nd edition), Introduction, Part I (omitting Chapters IX and XIII), Part II, Part IV (omitting Chapter I) and Part V; Act X of 1865 (Succession) omitting Parts III—V, XXX—XXXI and XXXV—XL; Act XXI of 1870 (Hindu Wills) except the provisions of the Indian Succession Act omitted from the study of that Act; Act V of 1881 (Probate and Administration Act); University Selection of Leading Cases.

- (iv) The Law of Contracts and Torts

Anson's Law of Contract (14th edition); Salmond's Summary of the Law of Torts, omitting Chapters V, VI, X and XVI; Act IX of 1872 (Contract Act); University Selection of Leading Cases.

The following Leading Cases to be studied in the original judgments as expositions of important legal principles:—

(i) MUHAMMADAN LAW.

1. Ashrufuddowla v. Hyder Hossain, 11 M. I. A., 98.
2. Abul Fata v. Russomoy Dharchowdhury, L. R., 22 I. A., 76.
3. Bakar Ali v. Anjuman Ara Begum, L. R., 30 I. A., 94.
4. Nimaichand v. Golam Hossin, 1 L. R., 37 Cal., 179.

(ii) LAW RELATING TO PERSONS.

1. Udny v. Udny, L. R., H. L., Sc., 441.
2. Skinner v. Orde, L. R., 4 P. C., 60.
3. Abraham v. Abraham, 9 M. I. A., 195.
4. Khunnilal v. Koer Gobind, L. R., 38 I. A., 87.

(iii) THE LAW RELATING TO PROPERTY.

(a) Law of Transfer—inter vivos.

1. Bellamy v. Sabine, 1 De G., and J., 566.
2. Gokuldas v. Puran Mal, I. L. R., 10 Cal., 1035.
3. Noakes & Co. v. Rice (1902), A. C., 24.
4. Beni Ram v. Kundan Lal, I. L. R., 21 All., 496.
5. Tailby v. Official Receiver, 13 App. Cas., 523.
6. Hakimlal v. Mushahar Sahu, I. L. R., 34 Cal., 909.
7. Gurdeo Singh v. Chandrika Singh, I. L. R., 36 Cal., 193.
8. Jadunath v. Ruplal, I. L. R., 33 Cal., 967.

(b) English Law of Real Property and the Law of Intestate and Testamentary.

Succession.

1. London & S. W. Railway Co. v. Gomm, 20 Ch. D., 562.
2. Walsh v. Lonsdale, 21 Ch. D., 9.
3. Bhagabati Barmania v. Kalicharan Singh, L. R., 38 I. A., 54.
4. Narendranath Sircar v. Kamalbasini, I. L. R., 32 Cal., 563.

5. Bai Mativahoo v Mamobai, I. L. R., 21 Bom., 709.
6. Mirza Kurratulain v. Nawab Nuzhar-ud-Dowla, L. R., 32 I. A., 244.

(iv) CONTRACTS AND TORTS.

1. Mohori Bibi v. Dhurmodas, L. R., 30 I.A., 114.
2. Cundy v. Lindsay, 3 App., Cas., 459.
3. Ashby v. White (Judgment of Holt, C. J.), 1 Sm., L. C., 231.
4. Mogul Steamship Co. v. MacGregor, (1891), A. C., 25.
5. Quinn v. Leatham (1901), A. C., 495.
6. Derry v. Peek (Judgment of Lord Herschell), 14 App., Cas., 337.
7. Armory v. Delamire, 1 Smith, L. C.
8. Shaikh Kalu v Ramsaran, 13. C W. N., 388.

INTERMEDIATE EXAMINATIONS IN LAW,
JULY 1921 AND JANUARY, 1922.

- | | |
|--|---|
| (i) Muhammadan Law | ... Sirajiya (except the details as to succession of distant kindred); Amir Ali's Students' Manual of Muhammadan Law; or, Mulla's Principles of Muhammadan Law (omitting the details as to the succession of distant kindred); University Selection of Leading Cases. |
| (ii) The Law relating to persons | ... Act IX of 1875 (Majority); Campbell's Principles of English Law, Chapters IV, V, VIII, XII—XV; University Selection of Leading Cases. |
| (iii) The Law relating to Property— | |
| (a) The Law of Transfer
<i>inter vivos</i> . | Act IV of 1882 (Transfer of Property Act); Act III of 1877 (Registration), sections 17, 18, 48, 49, 50; University Selection of Leading Cases. |
| (b) Principles of the English Law of Real Property and the Law of Intestate and Testamentary Succession (exclusive of the Hindu and the Muhammadan Law of Intestate Succession). | William's Principles of the Law of Real Property (22nd edition), Introduction Part I (omitting Chapters IX and XIII), Part II, Part IV (omitting Chapter I) and Part V; Act X of 1865 (Succession) omitting Parts III—V, XXX, XXXI and XXXV—XL; Act XXI of 1870 (Hindu Wills) except the provisions of the Indian Succession Act omitted from the study of that Act; Act V of 1881 (Probate and Administration Act); University Selection of Leading Cases. |
| (iv) The Law of contracts and Torts. | Anson's Law of Contract (14th edition); Salmond's Summary of the Law of Torts omitting Chapters V, VI, X and XVI; Act IX of 1872 (Contract Act); University Selection of Leading Cases. |

Leading Cases to be studied in the original judgments as expositions of important legal principles will be notified later on.

INTERMEDIATE EXAMINATIONS IN LAW, JULY, 1922 AND JANUARY, 1923.

To be notified later on.

FINAL EXAMINATIONS IN LAW, JULY 1920, AND JANUARY, 1921.

THE LAW RELATING TO PROPERTY.

- (i) The Law of Land Tenures, Land Revenue and Prescription. Regulation I of 1793; Preamble to Regulation II of 1793; Regulations VIII, XIX sections 1-7, XXXVII, sections 1-3 of 1793; VIII of 1819; XI of 1825; Act VIII of 1885 (Bengal Tenancy Act), Chapters I.-VIII, XI, XIV, XV; Act XI of 1859; XV of 1877, sections 26-28; Upendranath Mittar's Indian Law of Prescription and Easements; Field's Introduction to the Bengal Regulations (portions relating to Land Tenures); or Atulchandra Guha's Land Systems of Bengal and Behar, omitting appendices; University Selection of Leading Cases.
 - (ii) The Principles of Equity, including the Law of Trusts. Maitland's Lectures on Equity, Chapters I-XXI, Brett's Leading Cases on Equity; University selection of Leading Cases.
- [N. B.—Students are recommended to consult Petride's Students' Cases with a view to elucidate the Cases mentioned in the text-books.]
- (iii) The Law of Evidence and the General Principles of Civil Procedure, and Limitation. Act I of 1872 (Evidence Act); Act V of 1908 (Civil Procedure), sections 1-158; Schedule I, Orders I-X, XIV, XV, XVIII, XX, XXI-XXXIII, XXXI-XXXII, XXXIV-XXXV, XXXIX-XLI, XLII, XLIII, XLV, XLVI, XLVII; Schedule II; Act XV of 1877, sections 1-25; Best on Evidence, Introduction, Books I and II and Book III Part I. University Selection of Leading Cases.
 - (iv) The Law of Crimes and the General Principles of Criminal Procedure. Act XLV of 1860 (Penal Code). Chap. I-V, and such portions of Chapters VI-XXIII as do not relate exclusively to the amount of punishment to be inflicted for an offence; Act V of 1898, (Criminal Procedure), omitting Chapters I, IX, XIV, XXXIII-XI, XLII, XLIII, XLVI (except section 562); Sir James Fitz James Stephen's General View of the Criminal Law of England; University Selection of Leading Cases.

The following Leading Cases to be studied in the original judgments as expositions of important legal principles :—

(i) LAW RELATING TO PROPERTY.

(a) *Land Tenures, Land Revenue and Prescription*

1. *Raja Lilanand Singh v. Government of Bengal*, 6 M. I. A., 101—4 W. R. 77=I. P. C. J., 505.
2. *Lopez v. Muddanmohan Thakur*, 13 M. I. A., 467 ; 14 W. R., P. C. 11=2. P. C. J., 594.
3. *Maresh Narain v. Nawbut Pathak*, 1 Cal., L. J., 437=I. L. R., 32 Cal. 837.
4. *Forbes v. Bahadur Singh*, L. R., 41, I. A., 97.
5. *Srinath Ray v. Dinobandhu Sen*, L. R., 41, I. A., 221.
6. *Paul v. Robson*, L. R., 41, I. A., 180.
7. *Midnapore Zamindary v. Hrishikes*, I. L. R., 41, Cal., 1108.
8. *Amulyaratan v. Tarininath*, I. L. R., 42, Cal., 254.

(ii) EQUITY AND TRUST.

1. *Gopee Kristo v. Gunga Pershed*, 6 M. I. A., 53.
2. *Fox v. Mackreth*, 2 Wh., and T. L. C., 709.
3. *Ramkoomar Koondoo v. McQueen*, L. R. I. A., Sup. 40.
4. *In or Hallet's Trust*, 12 Ch. D., 696.
5. *Le Neve v. Le Neve*, 2 Wh., and T. L. C., 175.
6. *Stapilton v. Satapilton*, 1 Wh., and T. L. C., 223.
7. *Cooper v. Phibbs*, 2 L. R., H. L., 150.
8. *Penn v. Baltimore*, 1 White and Tudor L.C.

(iii) THE LAW OF EVIDENCE AND THE GENERAL PRINCIPLES OF CIVIL PROCEDURE AND LIMITATION.

(a) *Evidence.*

1. *Gujju Lal v. Futteh Lal* I. L. R., 6 Cal., 171 (Judgment of Mitter, J).
2. *Saratchandra Dey v. Gopalchundra Laha*, I. L. R., 20 Cal., 296.
3. *Balkishen v. Legge*, I. L. R., 22 All., 149.

(b) *Procedure.*

1. *Zamulabdin v. Asghar Ali*, I. L. R., 10 All., 166.
2. *Chhayemunnessa v. Basir*, I. L. R., 37 Cal., 399.
3. *Hukumchand v. Kamalanand*, I. L. R., 33 Cal., 927.
4. *Khiraajmal v. Daim*, L. R., 32 I. A., 23.

(c) *Limitation*

1. *Secretary of State v. Krishnamani*, L. R., 29 I. A., 104.

(iv) LAW OF CRIMES AND THE GENERAL PRINCIPLES OF CRIMINAL PROCEDURE.

1. *Reg. v. Gangadhar Tilak*, I. L. R. 22 Bom., pp. 112—152.
2. *Ganourilal Das v. Reg.* I. L. R. 16 Cal., pp. 206—222.
3. *Reg. v. Sricharan Chungo*, I. L. R. 22 Cal., pp. 1017—1026.
4. *Reg. v. Haradhan*, I. L. R. 19 Cal., pp. 380—392.

5. Khosh Mahomed v. Nazir Mahomed I L. R. 32 Cal., 352.
6. Amritalal Hazra v. King Emperor, 21 C. L. J., 344.
7. Pulinbehary Das v. King Emperor, 15 C. L. J., pp. 570-582.
8. Barindrakumar v. Emperor, I. L. R., 37 Cal., pp. 484-499.

FINAL EXAMINATION IN LAW

JULY, 1921 AND JANUARY, 1922.

THE LAW RELATING TO PROPERTY

- (i) The Law of Land Tenures, Regulation I of 1793; Preamble to Regulation II of 1793; Regulations VIII, XIX, sections 1-7, XXXVII, sections 1-3 of 1793; VIII of 1819; XI of 1825; Act VIII of 1885 (Bengal Tenancy Act,) Chapters I-VIII, XI, XIV, XV; Act XI of 1859; Act XV of 1877, sections 26-28; Upendranath Mitra's Indian Law of Prescription and Easements; Field's Introduction to the Bengal Regulations (portions relating to Land Tenures); or, Atulchandra Guha's Land Systems of Bengal and Behar, omitting appendices; University Selection of Leading Cases.
- (ii) The Principles of Equity, including the Law of Trusts. Maitland's Lectures on Equity Chapters I-XXI; Brett's Leading Cases on Equity; University Selection of Leading Cases.

[N.B.—Students are recommended to consult Petride's Students' Cases with a view to elucidate the Cases mentioned in the text-books.]

- (iii) The Law of Evidence and the General Principles of Civil Procedure and Limitation. Act I of 1872 (Evidence Act); Act V of 1908 (Civil Procedure,) sections 1-158; Schedule I, Orders I-X, XIV, XV, XVIII, XX, XXI-XXIII, XXXI-XXXII, XXXIV-XXXV, XXXIX-XLI XLII, XLIII, XLV, XLVI, XLVII; Schedule II; Act XV of 1877, sections 1-25; Best on Evidence, Introduction, Books I and II and Book III, Part I; University Selection of Leading Cases.
- (iv) The Law of Crimes and the General Principles of Criminal Procedure. Act XLV of 1860 (Penal Code), Chapters I-V, and such portions of Chapters VI-XXIII as do not relate exclusively to the amount of punishment to be inflicted for an offence; Act V of 1898 (Criminal Procedure), omitting Chapters I, IX, XIV, XXXIII-XL, XLII, XLIII, XLVI (except section 562); Sir James Fitz James Stephen's General View of the Criminal Law of England; University Selection of Leading Cases.

Leading Cases to be studied in the original judgements as expositions of important legal principles will be notified later on.

FINAL EXAMINATIONS IN LAW, JULY, 1922 AND JANUARY, 1923.

To be notified later on.

M. L. EXAMINATION, 1920.

(1) HINDU LAW OR MUHAMMADAN LAW.

Hindu Law.

Manu	... Institutes, Chapters I, III, VII, VIII and IX.
Yajnavalkya	... Institutes, Book II on Vyavahara or Positive Law.
Vijnanesvara	... Mitakshara
Devananda Bhatta	... Smriti-Chandrika.
Vachaspati Misra	... Vivada Chintamani
Nilakantha	... Vyavahara Mayukha.
Mitra Misra	... Viramitrodaya.
Jimutavahana	... Dayabhaga
Raghunandan	... Dayatatwa.
Nanda Pandita	... Dattaka-Mimansa.
Kuvera	... Dattaka-Chandrika.
Gooroo Das Banerjee	... Marriage and Stridhana (Tagore Lectures, 1878.)
Golap Chandra Sarkar	... Adoption (Tagore Lectures, 1888)
Mayne	... Hindu Law and Usage.
Jogendra Chandra Ghose	... Hindu Law.

Muhammadan Law.

Serajuddin	... Al Sirajiya
Baillie	... Digest of Muhammadan Law-Shunni and Shia.
Ameer Ali	... Muhammadan Law, Vols. I and II
Wilson	... Digest of Anglo-Muhammadan Law.
Abdur Rahman	... Institutes of Musalman Law.
Abdur Rahim	... Principles of Muhammadan Jurisprudence (Tagore Lectures, 1907)
Tyabji	... Muhammadan Law.

(2) JURISPRUDENCE AND PRINCIPLES OF LEGISLATION.

Salmond	... Jurisprudence.
Science of Legal Method (Modern Legal Phil. Series, Vol IX.)	
Miraglia	... Comparative Legal Philosophy (Modern Legal Phil. Series, Vol. III.)
Berolzheimer	... World's Legal Philosophies (Modern Legal Phil. Series, Vol, II)
Lee	... Historical Jurisprudence.
Maine	... Village Communities.
Holmes	... Common Law.
Evolution of Law Series, Vols. I—III (edited by Koonrek and Wigmore)	
Continental Legal History Series, Vol. I (General Survey).	
Continental Legal History Series, Vol. II (Great Jurists of the World).	
Bentham	... Theory of Legislation (edited by Dumont and translated by Atkinson, Oxford Press Series).

(3) PRINCIPLES AND HISTORY OF ROMAN LAW.

Gaius	...	Institutes (translated by Poste).
Justinian	...	Institutes (translated by Moyle).
Sohm	...	Institutes (translated by Ledlie).
Muirhead	...	Roman Law.
Sherman	...	Roman Law in the Modern World.

(4) PRIVATE INTERNATIONAL LAW.

Footé	...	Private International Jurisprudence.
Nelson	...	Private International Jurisprudence.

(5) & (6) ANY TWO OF THE FOLLOWING:—

(i) *Principles of Equity*

Langdell	...	Brief Survey of Equity Jurisdiction
Story	...	Equity Jurisprudence.
Underhill	...	Law of Trusts.
Agnew	...	Law of Trusts (Tagore Lectures, 1881).
White and Tudor	...	Leading Cases in Equity (8th edition).

(ii) *Law relating to Transfer of Immovable Property and Law of Prescription.*

Dart	...	Vendors and Purchasers.
Williams	...	Vendors and Purchasers.
Rashbehari Ghose	...	Law of Mortgages (Tagore Lectures, 1876).
Goddard	...	Law of Easements.
The Transfer of Property Act.		
The Indian Easements Act.		

(iii) *Law relating to Wills.*

Underhill and Strahan	...	On the Interpretation of Will and Settlements.
Theobald	...	Law of Wills.
Ingpen	...	Law of Executors.
Henderson	...	Law of Wills (Tagore Lectures, 1887).
Trevelyan	...	Hindu Wills (second edition).
Asutosh Mukhopadhyay	...	The Law of Perpetuities in British India (Tagore Lectures, 1898).

The Indian Succession Act.

The Hindu Wills Act.

The Probate and Administration Act.

(iv) *Law of Contracts and Torts*

Pollock	...	Principles of Contract, Law of Torts.
Street	...	Foundations of Legal Liabilities.
Fry	...	Specific Performance.
Finch	...	Cases on Contracts.
Kenny	...	Cases on Torts.
Salmond	...	On Torts.
Satischandra Banerjee	...	The Law of Specific Relief in British India (Tagore Lectures, 1906).

The Indian Contract Act

The Specific Relief Act.

(v) Principles and History of Law of Real and Personal Property.

Williams	...	Real Property.
Williams	...	Personal Property.
Goodeve	...	Real Property.
Goodeve	...	Personal Property.
Challis	...	Real Property.
Digby	...	History of Real Property.
Leake	...	Law of Property in Land.
Finch	...	Cases on the Law of Property.

(vi) Principles and History of the Law of Evidence.

Best	...	Evidence.
Thayer	..	Preliminary Treatise on Evidence.
Phillimore	...	History of Evidence.
Wigmore	...	Cases on Evidence
Wigmore	...	Principles of Judicial Proof.

Indian Evidence Act.

(vii) History of English Law.

Pollock and Maitland	...	History of English Law.
Reeves	...	History of English Law (edited by Finlason)
Holdsworth	...	History of English Law.
Jenks	...	History of English Law.
Kerley	...	History of Equity.
Maitland	...	Collected Papers.
Ames	...	Lecture on Legal History.

Selected Essays on Anglo-American Legal History (Cambridge University Press).

M.L.EXAMINATION, 1921

(1) HINDU LAW OR MUHAMMADAN LAW

Hindu Law.

Manu	...	Institutes, Chapters I, III, VII, VIII and IX.
Yajnavalkya	...	Institutes, Book II, on Vyavahara or Positive Law.
Vijnanesvara	...	Mitakshara
Devananda Bhatta	...	Smriti-Chandrika
Vachaspati Misra	...	Vivada Chintamani
Nilakanta	...	Vyavahara Mayukha
Mitra Misra	...	Viramitrodaya.
Jimutavahana	...	Dayabhaga
Raghunandan	...	Dayatatwa
Nanda Pandita	...	Dattaka-mimansa
Kuvera	...	Dattaka-Chandrika
Gooroo Das Banerjee	...	Marriage and Stridhana (Tagore Lectures, 1878).
Golap Chandra Sarkar	...	Adoption (Tagore Lectures, 1888)
Mayne	...	Hindu Law and Usage
Jogendrachandra Ghose	...	Hindu Law
Priyanath Sen	...	Hindu Jurisprudence.

Muhammadan Law

Serajuddin	... Al Sirajiya.
Baillie	... Digest of Muhammadan Law—Shunni and Shia
Ameer Ali	... Muhammadan Law, Vols. I and II.
Wilson	... Digest of Anglo-Muhammadan Law.
Abdur Rahman	... Institutes of Musalman Law.
Abdur Rahim	... Principles of Muhammadan Jurisprudence (Tagore Lectures, 1907).
Tyabji	... Muhammadag Law.

(2) JURISPRUDENCE AND PRINCIPLES OF LEGISLATION.

Salmond	... Jurisprudence.
Frederic Harrison	... Jurisprudence
Science of Legal Method (Modern Legal Phil. Series Vol. IX).	
Miraglia	... Comparative Legal Philosophy (Modern Legal Phil. Series, Vol. III).
Berolzheimer	... World's Legal Philosophies (Modern Legal Phil. Series, Vol. II).
Lee	... Historical Jurisprudence.
Maine	... Village Communities.
Holmes	... Common Law.
Evolution of Law Series, Vols I—III (edited by Kocourek and Wigmore).	
Continental Legal History Series, Vol. I (General Survey)	
Continental Legal History Series, Vol. II (Great Jurists of the World).	
Bentham	... Theory of Legislation (edited by Dumont and translated by Atkinson, Oxford-Press Series).

(3) PRINCIPLES AND HISTORY OF ROMAN LAW.

Gaius	... Institutes (translated by Poste).
Justinian	... Institutes (translated by Moyle).
Sohm	... Institutes (translated by Ledlie).
Muirhead	... Roman Law.
Sherman	... Roman Law in the Modern World.

(4) PRIVATE INTERNATIONAL LAW.

Foote	... Private International Jurisprudence.
Nelson	... Private International Jurisprudence.

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(i) *Principles of Equity.*

Langdell	... Brief Survey of Equity Jurisdiction.
Story	... Equity Jurisprudence.
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Agnew	... Law of Trusts (Tagore Lectures, 1881)
White and Tudor	... Leading Cases in Equity (8th edition)

(ii) *Law relating to Transfer of Immovable Property and Law of Prescription*

Dart	... Vendors and Purchasers.
Williams	... Vendors and Purchasers.

Rashbehary Ghose	... Law of Mortgages (Tagore Lectures, 1876).
Goddard	... Law of Easements. The Transfer of Property Act. The Indian Easements Act.

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Underhill and Strahan	... On the Interpretation of Will and Settlements.
Theobald	... Law of Wills.
Ingpen	... Law of Executors.
Henderson	... Law of Wills (Tagore Lectures, 1887).
Trevelyan	... Hindu Will (second edition)
Asutosh Mukhopadhyay	... The Law of perpetuities in British India (Tagore Lectures, 1898).
	The Indian Succession Act.
	The Hindu Wills Act.
	The Probate and Administration Act.

(iv) Law of Contracts and Torts.

Pollock	... Principles of Contract, Law of Torts
Street	... Foundations of Legal Liabilities.
Fry	... Specific Performance.
Finch	... Cases on Contracts
Kenny	... Cases on Torts.
Salmond	... On Torts
Satischandra Banerjee	... The Law of Specific Relief in British India (Tagore Lectures, 1906).
	The Indian Contract Act.
	The Specific Relief Act

(v) Principles and History of the Law of Real and Personal Property.

Williams	... Real Property.
Williams	... Personal Property.
Goodeve	... Real Property.
Goodeve	... Personal Property.
Challis	... Real Property.
Digby	... History of Real Property.
Leake	... Law of Property in Land.
Finch	... Cases on the Law of Property.

(vi) Principles and History of the Law of Evidence.

Best	... Evidence.
Thayer	... Preliminary Treatise on Evidence.
Phillimore	... History of Evidence.
Wigmore	... Cases on Evidence.
Wigmore	... Principles of Judicial Proof.

Indian Evidence Act.

(vii) History of English Law

Pollock and Maitland
Reeves

History of English Law.
History of English Law (Edited by
Finlason).

Holdsworth

History of English Law.

Jenks

History of English Law.

Kerly

History of Equity.

Maitland

Collected Papers.

Ames

Lectures on Legal History

Selected Essays on Anglo-American Legal History (Cambridge University
Press).

XX

RULES FOR EXAMINATIONS

(i) ARTS AND SCIENCE

I—GENERAL

(a) APPOINTMENT OF EXAMINERS

Head Examiners shall be appointed to superintend the work of the Matriculation Examiners in the following subjects :—

- | | | |
|-----------------|-------------------------|-------------|
| (1) English | (4) Bengali Composition | (7) Pali |
| (2) Mathematics | (5) History | (8) Persian |
| (3) Sanskrit | (6) Geography | |

The Syndicate may also, if necessary, appoint a Head Examiner in any other subject

2 Head Examiners shall be appointed to superintend the work of the Examiners in the Intermediate Examinations in Arts and Science, one in each of the following subjects :—

- | | | |
|-------------------------|-----------------|------------|
| (1) English | (5) Mathematics | (8) Logic |
| (2) Bengali Composition | (6) Physics | (9) Botany |
| (3) Sanskrit | (7) Chemistry | |
| (4) History | | |

The Syndicate may also, if necessary, appoint a Head Examiner in any other subject.

3. There shall be one Chairman of the B.A. Board of Examiners in English Pass Course, and a Head Examiner in Bengali Composition,

(b) SETTING OF PAPERS

4. (a) The question papers set for the Intermediate Examination in Arts and the Intermediate Examination in Science, shall be identical in all subjects which are common to the two examinations.

In the Intermediate Examinations, candidates are expected to possess only a knowledge and understanding of the prescribed pieces (both prose and poetry); questions will not be set to test their knowledge of the lives, works and styles of the authors, beyond what is involved in the set pieces themselves.

(b) The question papers set for the B.A. and B.Sc. Examination shall be identical in all subjects common to the two examinations.

(c) The question papers for the M.A. and M.Sc. Examinations shall be identical in all subjects common to the two examinations.

(d) The Paper-Setters for the Alternative Paper in English for the Matriculation Examination should keep in view, when framing the questions, the fact that many candidates whose vernacular is not English, are compelled to take up the Alternative Paper in English in as much as their vernacular is not recognised by the University.

5. Gentlemen appointed to set the examination papers are requested to write in the margin opposite to each question, the maximum number of marks they intend to assign to it.

6. The examination papers, *in duplicate*, written very legibly on one side only of foolscap paper, are to be sent by post in a sealed and registered double cover to the Controller at his office. No copy of any examination paper is to be retained by the gentlemen setting it.

7. The papers set shall be submitted to the Controller with a certification over the joint signatures of the persons appointed that the papers conform to the prescribed conditions and do not involve a material variation from the average standard.

(c) EXAMINATION OF PAPERS

8. Examiners will be expected to be present in Calcutta during the examination in the subjects for which they have been specially appointed.

9. When the answers to a paper or *half-paper* are divided between two Examiners, they shall determine, at a meeting the standard to be adopted and compare their marks at a meeting, before submitting them.

10. Each Examiner shall be furnished with a roll containing the names and numbers of all the candidates to be examined by him in which he shall enter the total number of marks, assigned to each candidate in each paper.

The total number of marks must in every case be a whole number; if the roll submitted by an Examiner contains fractional marks it will be returned to him for correction.

11. The Examiners shall mark on each answer paper the marks assigned to each question, as well as the total marks.

12. The Examiners are required to examine the papers of the candidates to the order in which their names appear on the roll, and at the end of each week send to the Controller or to the Head Examiner, as the case may be the pages of the roll containing the marks assigned to the papers examined. The number of papers examined each week is expected to be fairly proportionate to the total number of papers to be examined within the time prescribed. The attention of the Examiners is specially directed to this rule, and the Registrar is required to report to the Syndicate, after the examinations are over, any case of infraction of this or any other rule.

13. To facilitate the work of re-examination, the Examiners or the Head Examiners, as the case may be, shall keep the answer papers of the candidates arranged in the order in which their names appear in the roll.

In cases in which there is a Head Examiner, the re-examination may be done by the Head Examiner himself or by one or more of the Assistant Examiners at his discretion.

14. The answer paper shall be returned to the Controller as soon as the work of re-examination is over.

15. Six weeks before the Matriculation, Intermediate, B.A. and B.Sc. Examinations take place, the Syndicate shall fix the latest date for sending in marks. The time allowed for the re-examination of answer papers shall be *four* days for 100 papers and under, and *one* day additional for every 25 papers or portion whereof, over 100, Sundays being excluded.

In the case of the B.A. Examination 30 half-papers shall, for the purposes of this rule, be taken to be equivalent to 25 papers.

Where an Examiner has over 100 papers or half-papers to re-examine, he shall send in the marks of these papers by instalments of 100 or less, as the re-examination of them is completed.

If any Examiner fails to send in his marks within the limits of time prescribed for examination and re-examination, the amount of his remuneration shall be reduced by Rs. 16 for each day by which he exceeds that period.

16. Each Examiner shall write his name and the subject of the examination at the foot of every page of his roll.

17. No entry shall be made in the roll against the name of any candidate from whom no paper is received.

II.—SPECIAL.

(a) MATRICULATION EXAMINATION.

1. The examination shall be held early in March in the following order : -

Monday	..	{ English, 1st Paper—10 A.M. to 1 P.M. ,, 2nd Paper—from 2 P.M. to 5 P.M.
Tuesday	...	{ Mathematics (Compulsory)—from 10 A.M. to 1 P.M. Second Language (Compulsory)—from 2 P.M. to 5 P.M.
Wednesday	...	{ Vernacular Composition or Alternative Paper—from 10 A.M. to 1 P.M. Mathematics (Additional)—from 2 P.M. to 5 P.M.
Thursday	...	{ Second Language (Additional)—from 10 A.M. to 1 P.M. History—from 2 P.M. to 5 P.M.
Friday	...	{ Geography—from 10 A.M. to 1 P.M. Mechanics—from 2 P.M. to 5 P.M.

2. The questions shall be framed chiefly with a view to test a general but intelligent knowledge of the subjects, and questions, that are very minute or very difficult, shall, as a rule, be avoided.

3. As soon as possible after an examination has been held, the persons who have set any question paper in the examination, and those who are to examine the answers to that paper or an portion of it, and the Head Examiner, if there is one, shall meet to determine the kind or standard of answers to be expected from the candidates and to decide upon a system of marking. Their conclusions shall be embodied in a memorandum to be jointly signed by them and forwarded to the Controller. If, owing to unavoidable circumstances, any Examiner who has set a paper is unable to attend the meeting, the remaining Examiners, contemplated by this Regulation, shall meet and transact the aforesaid business.

For this purpose a meeting of the Examiners in each subject shall be held as soon as possible after the close of the examination, at which provisional rules shall be drawn up. After this meeting each Examiner shall look over a certain number of papers (the number to be determined at the meeting) and shall submit them to the Head Examiner for re-examination. After he has re-examined those papers, the Head Examiner shall call another meeting for the final determination of the rules. A copy of these rules shall be sent to each Matriculation Examiner and to the Controller.

4. Each Head Examiner shall re-examine at least 5 per cent. of the answer papers looked over by each of Matriculation Examiners in his subject, with a view to see whether they are working uniformly according to the method indicated and shall direct, if necessary, any examiner to conform to that method.

The re-examination of the answer papers shall be conducted in the following manner :—

Every Matriculation Examiner shall, as soon as he finishes the examination of about 100 papers, send them with the corresponding pages of his roll to his Head Examiner, who shall examine at least five papers taken at random out of

them, and shall give the Examiner any further instructions which may be necessary or shall return the remaining papers for re-examination, if he is of opinion that the rules have not been complied with. The same course shall be followed with every subsequent batch of 100 papers.

5. The functions of Head Examiners are—

(1) to distribute, in consultation with the Examiners, the marks allotted to a question consisting of several parts over those parts;

(2) to give general directions, in consultation with the Examiners, as to what should be included within the scope of each answer, and as to how far any particular answer should be dealt with leniently or strictly by reason of the difficulty or simplicity of the question;

(3) to look over a few of the papers examined by each Examiner immediately after the meeting of Examiners, to ascertain how far the standard agreed upon is being followed; and in cases of deviation from such standard to give general directions to be more or less strict as may be required;

(4) to re-examine 5 per cent. of the answer papers examined by each Examiner with the object of seeing whether the standard adopted has been generally and fairly adhered to, but not to insist upon mechanical uniformity.

6. In no case shall the Head Examiner increase or diminish the marks assigned to any paper by a Matriculation Examiner without himself examining that paper.

7. In case of a difference arising between Head Examiner and a Matriculation Examiner an appeal shall lie to the Moderators.

8. Every Matriculation Examiner must remain in Calcutta as long as his services are required by his Head Examiner.

9. The Head Examiner shall forward to the Controller by instalments the totalised marks in his subject with observations on those cases which he may deem worthy of special consideration.

In order to avoid delay in the submission of the totalised marks, Head Examiners are requested to see that the Matriculation Examiners look over the papers of candidates in the order in which their names appear in the rolls (General Rule II).

(b) INTERMEDIATE EXAMINATION IN ARTS.

1. The examination shall be held in March in the following order :—

Monday	...	{ English, 1st Paper—from 10 A.M. to 1 P.M.
		{ " 2nd " — " 2 P.M. to 5 P.M.
		{ English, 3rd Paper—from 10 A.M. to 1 P.M.
Tuesday	...	{ Vernacular Composition or Alternative Paper—from 2 P.M.
		{ to 5 P.M.
Wednesday	...	{ Second Language, 1st Paper—from 10 A.M. to 1 P.M.
		{ " 2nd " — " 2 P.M. to 5 P.M.
Thursday	...	{ Mathematics, 1st Paper—from 10 A.M. to 1 P.M.
		{ " 2nd " — " 2 P.M. to 5 P.M.
Friday	...	{ History, 1st Paper—from 10 A.M. to 1 P.M.
		{ " 2nd " — " 2 P.M. to 5 P.M.
Saturday	...	{ Physics 1st Paper—from 10 A.M. to 1 P.M.
		{ " 2nd " — " 2 P.M. to 5 P.M.
Monday	...	{ Logic, 1st Paper—from 10 A.M. to 1 P.M.
		{ " 2nd " — " 2 P.M. to 5 P.M.
Tuesday	...	{ Chemistry, 1st Paper—from 10 A.M. to 1 P.M.
		{ " 2nd " — " 2 P.M. to 5 P.M.
Wednesday	...	{ Botany, 1st Paper—from 10 A.M. to 1 P.M.
		{ " 2nd " — " 2 P.M. to 5 P.M.
Thursday	...	{ Physiology, 1st Paper—from 10 A.M. to 1 P.M.
		{ " 2nd " — " 2 P.M. to 5 P.M.

Friday	...	{	Geology, 1st Paper—from 10 A.M. to 1 P.M.
			2nd " — " 2 P.M. to 5 P.M.
Saturday	...	{	Geography, 1st Paper—from 10 A.M. to 1 P.M.
			2nd " — " 2 P.M. to 5 P.M.
Monday		{	Zoology, 1st Paper—from 10 A.M. to 1 P.M.
			" 2nd " — " 2 P.M. to 5 P.M.

2. As soon as possible after an examination has been held, the persons who have set any question paper in the examination, and those who are to examine the answers to that paper or any portion of it, and the Head Examiner, if there is one, shall meet to determine the kind or standard of answers to be expected from candidates and to decide upon a system of marking. Their conclusions shall be embodied in a memorandum to be jointly signed by them and forwarded to the Controller. If, owing to unavoidable circumstances, any Examiner, who has set a paper, is unable to attend the meeting, the remaining Examiners contemplated by this Regulation, shall meet and transact the aforesaid business.

For this purpose a meeting of the Examiners in each subject shall be held as soon as possible after the close of the examination, at which provisional rules shall be drawn up. After this meeting each Examiner shall look over a certain number of papers (the number to be determined at the meeting), and shall submit them to the Head Examiner for re-examination. After he has re-examined these papers the Head Examiner shall call another meeting for the final determination of the rules. A copy of these rules shall be sent to each Intermediate Examiner and to the Controller.

3. Each Head Examiner shall re-examine 5 per cent of the answer papers looked over by each of the Intermediate Examiners in his subject, with a view to see whether they are working uniformly according to the method indicated and shall, if necessary, direct any Examiner to conform to that method.

The re-examination of the answer papers shall be conducted in the following manner —

Every Intermediate Examiner, shall, as soon as he finishes the examination of about 100 papers, send them with the corresponding pages of his roll to his Head Examiner, who shall examine at least five papers taken at random out of them, and shall give the Examiner any further instructions he may deem fit or shall return the remaining papers for re-examination, if he is of opinion that the rules have not been complied with. The same course shall be followed with every subsequent batch of 100 papers.

4. The functions of Head Examiners are —

(1) to distribute, in consultation with the Examiners, the marks allotted to a question consisting of several parts over those parts,

(2) to give general directions, in consultation with the Examiners, as to what should be included within the scope of each answer, and as to how far any particular answer should be dealt with leniently or strictly by reason of the difficulty or simplicity of the question,

(3) to look over a few of the papers examined by each Examiner immediately after the meeting of Examiners to ascertain how far the standard agreed upon is being followed; and in cases of deviation from such standard to give general directions to be more or less strict as may be required.

(4) to re-examine 5 per cent. of the answer papers examined by each Examiner with the object of seeing whether the standard adopted has been generally and fairly adhered to, but not to insist upon mechanical uniformity.

5. In no case shall the Head Examiner increase or diminish the marks assigned to any paper by an Intermediate Examiner without himself examining that paper.

6. In case of a difference arising between a Head Examiner and an Intermediate Examiner, an appeal shall lie to the Moderators.

7. Every Intermediate Examiner must remain in Calcutta as long as his services are required by his Head Examiner.

8. The Head Examiner shall forward to the Controller by instalments the marks or totalised marks as the case may be, in his subject, with observations on those cases which he may deem worthy of special consideration.

In order to avoid delay in the submission of the totalised marks, Head Examiners are requested to see that the Intermediate Examiners look over the papers of candidates in the order in which their names appear in the rolls (General Rule 11)

(c) INTERMEDIATE EXAMINATION IN SCIENCE.

1. The Examination shall be held in March in the following order.—

Monday	{ English, 1st Paper—from 10 A.M. to 1 P.M.
	{ " 2nd " " " 2 P.M. to 5 P.M.
Tuesday	{ English, 3rd paper—from 10 A.M. to 1 P.M.
	{ Vernacular Composition or Alternative paper—from 2 P.M. to 5 P.M.
Thursday	{ Mathematics, 1st paper—from 10 A.M. to 1 P.M.
	{ " 2nd " " " 2 P.M. to 5 P.M.
Saturday	{ Physics, 1st Paper—from 10 A.M. to 1 P.M.
	{ " 2nd " " " 2 P.M. to 5 P.M.
Tuesday	{ Chemistry, 1st Paper—from 10 A.M. to 1 P.M.
	{ " 2nd " " " 2 P.M. to 5 P.M.
Wednesday	{ Botany, 1st Paper—from 10 A.M. to 1 P.M.
	{ " 2nd " " " 2 P.M. to 5 P.M.
Thursday	{ Physiology, 1st Paper—from 10 A.M. to 1 P.M.
	{ " 2nd " " " 2 P.M. to 5 P.M.
Friday	{ Geology, 1st Paper—from 10 A.M. to 1 P.M.
	{ " 2nd " " " 2 P.M. to 5 P.M.
Saturday	{ Geography, 1st Paper—from 10 A.M. to 1 P.M.
	{ " 2nd " " " 2 P.M. to 5 P.M.
Monday	{ Zoology, 1st Paper—from 10 A.M. to 1 P.M.
	{ " 2nd " " " 2 P.M. to 5 P.M.

2. As soon as possible after an examination has been held, the persons who have set any question paper in the examination, and those who are to examine the answers to that paper or any portion of it and the Head Examiner if there is one, shall meet to determine the kind or standard of answers to be expected from candidates, and to decide upon a system of marking. Their conclusions shall be embodied in a memorandum to be jointly signed by them and forwarded to the Controller. If owing to unavoidable circumstances, any Examiner who has set a paper is unable to attend the meeting, the remaining Examiners, contemplated by this Regulation, shall meet and transact the aforesaid business.

For this purpose, a meeting of the Examiners in each subject shall be held as soon as possible after the close of the examination at which provisional rules shall be drawn up. After this meeting, each Examiner shall look over a certain number of papers (the number to be determined at the meeting) and shall

submit them to the Head Examiner for re-examination. After he has re-examined these papers, the Head Examiner shall call another meeting for the final determination of the rules. A copy of these rules shall be sent to each Intermediate Examiner and to the Controller.

3. Each Head Examiner shall re-examine 5 per cent. of the answer paper looked over by each of the Intermediate Examiners in the subject with a view to see whether they are working uniformly according to the method indicated and shall direct, if necessary, any Examiner to conform to that method.

The re-examination of the answer papers shall be conducted in the following manner:--

Every Intermediate Examiner shall, as soon as he finishes the examination of about 100 papers, send them with the corresponding pages of his roll to his Head Examiner, who shall examine at least five papers taken at random out of them, and shall give the Examiner any further instructions he may deem fit or shall return the remaining papers for re-examination, if he is of opinion that the rules have not been complied with. The same course shall be followed with every subsequent batch of 100 papers.

4. The functions of Head Examiners are--

- (1) to distribute in consultation with the Examiners, the marks allotted to a question consisting of several parts over those parts;
- (2) to give general directions in consultation with the Examiners, as to what should be included within the scope of each answer, and as to how for any particular answer should be dealt with leniently or strictly by reason of the difficulty or simplicity of the question;
- (3) to look over a few of the papers examined by each Examiner immediately at the meeting of Examiners to ascertain how far the standard, agreed upon is being followed; and in cases of deviation from such standard, giving general directions to be more or less strict as may be required;
- (4) to re-examine 5 per cent. of the answer papers examined by each Examiner with the object of seeing whether the standard adopted has been generally and fairly adhered to, but not to insist upon mechanical uniformity.

5. In no case shall the Head Examiner increase or diminish the marks assigned to any paper by an Intermediate Examiner without himself examining that paper.

6. In case of a difference arising between a Head Examiner and an Intermediate Examiner, an appeal shall lie to the Moderators.

7. Every Intermediate Examiner must remain in Calcutta as long as his services are required by his Head Examiner.

8. The Head Examiner shall forward to the Controller by instalments the marks or totalised marks as the case may be, in his subject, with observations on those cases which he may deem worthy of special consideration.

In order to avoid delay in the submission of the totalised marks Head Examiners are requested to see that the Intermediate Examiners look over the papers of candidates in the order in which their names appear in the rolls (General Rule 11)

(d) B.A. EXAMINATION.

1. The examination shall be held in March in the following order:—

Monday	...	<i>Honours Subjects</i> —1st Honour Paper—from 10 A.M. to 1 P.M. <i>Honours Subjects</i> —2nd Honour Paper—from 2 P.M. to 5 P.M. <i>Honours Subjects</i> —3rd Honour Paper—from 10 A.M. to 1 P.M.	<i>Except Mathematics, Physics, Chemistry, Botany, Physiology and Zoology.</i>
Tuesday	...	<i>Honours Subjects</i> —4th Honour Paper—from 2 P.M. to 5 P.M. <i>Honours Subjects</i> —5th Honour Paper—from 10 A.M. to 1 P.M.	
Wednesday	...	<i>Honours Subjects</i> —6th Honour Paper—from 2 P.M. to 5 P.M.	
Thursday	...	English, 1st Pass Paper—from 10 A.M. to 1 P.M. English, 2nd Pass Paper—from 2 P.M. to 5 P.M.	
Friday	...	English, 3rd Pass Paper—from 10 A.M. to 1 P.M. Vernacular Composition or Alternative Paper—from 2 P.M. to 5 P.M.	
Saturday	...	Second Language, 1st Pass Paper—from 10 A.M. to 5 P.M. Second Language, 2nd Pass Paper—from 2 P.M. to 5 P.M.	
Monday	...	Second Language, 3rd Pass Paper—from 10 A.M. to 1 P.M. Philosophy, 1st Pass Paper—from 2 P.M. to 5 P.M.	
Tuesday	...	Philosophy, 2nd Pass Paper—from 10 A.M. to 1 P.M. Philosophy, 3rd Pass Paper—from 2 P.M. to 5 P.M.	
Wednesday	...	History, 1st Pass Paper—from 10 A.M. to 1 P.M. History, 2nd Pass Paper—from 2 P.M. to 5 P.M.	
Thursday	...	History, 3rd Pass Paper—from 10 A.M. to 1 P.M. Political Economy, 1st Pass Paper—from 2 P.M. to 5 P.M.	
Tuesday	...	Political Economy, 2nd Pass Paper and <i>Honours Subjects</i> —Physics, Chemistry, Botany, Physiology and Zoology, 1st Honour Paper—from 10 A.M. to 1 P.M.	
Wednesday	...	Political Economy, 3rd Pass Paper and <i>Honours Subjects</i> —Physics, Chemistry, Botany, Physiology and Zoology, 2nd Honour Paper—from 2 P.M. to 5 P.M.	
Thursday	...	<i>Honours Subjects</i> —Physics, Chemistry, Botany, Physiology and Zoology, 3rd Honour Paper and Mathematics, 1st Honour Paper—from 10 A.M. to 1 P.M.	
Friday	...	<i>Honours Subjects</i> —Physics, Chemistry, Botany, Physiology and Zoology, 4th Honour Paper and Mathematics, 2nd Honour Paper—from 2 P.M. to 5 P.M.	
Saturday	...	<i>Honours Subject</i> —Mathematics, 3rd Honour Paper and Mathematics, 1st Pass Paper—from 10 A.M. to 1 P.M.	
Monday	...	<i>Honours Subject</i> —Mathematics, 4th Honour Paper and Mathematics, 2nd Pass Paper—from 2 P.M. to 5 P.M.	
Tuesday	...	<i>Honours Subject</i> —Mathematics, 5th Honour Paper and Mathematics, 3rd Pass Paper—from 10 A.M. to 1 P.M.	
Wednesday	...	<i>Honours Subject</i> —Mathematics, 6th Honour Paper—from 2 P.M. to 5 P.M.	
Thursday	...	Physics, 1st Pass Paper—from 10 A.M. to 1 P.M. Physics, 2nd Pass Paper—from 2 P.M. to 5 P.M.	
Friday	...	Chemistry, 1st Pass Paper—from 10 A.M. to 1 P.M. Chemistry, 2nd Pass Paper—from 2 P.M. to 5 P.M.	
Saturday	...	Botany, 1st Pass Paper—from 10 A.M. to 1 P.M. Botany, 2nd Pass Paper—from 2 P.M. to 5 P.M.	

Monday	...	{ Physiology, 1st Pass Paper—from 10 A.M. to 1 P.M. Physiology, 2nd Pass Paper—from 2 P.M. to 5 P.M.
Tuesday	...	{ Zoology, 1st Pass Paper—from 10 A.M. to 1 P.M. Zoology, 2nd Pass Paper—from 2 P.M. to 5 P.M.

2. Different papers shall be prepared for the Pass and Honours candidates who will not be examined at the same time. The questions set in the papers for Pass candidates shall be taken only from the Pass Course and the questions set to the candidates for Honours shall be taken from both the Pass and Honours Courses. In the papers set to the Honours candidates the questions taken from the Pass Course shall be more difficult than those in the papers set to the candidates for a Pass only. The papers shall be headed English,* 1st Pass Paper; English,* 2nd Pass Paper; English,* 3rd Pass Paper; English,* 1st Honour Paper; English,* 2nd Honour Paper; English,* 3rd Honour Paper; English,* 4th Honour Paper; English,* 5th Honour Paper; English,* 6th Honour Paper

3. The functions of the Chairman of the Board of Examiners in B.A. Pass English are:—

(a) To convene as soon as possible after the examination has been held, a meeting of the Paper-setters and Examiners to determine the kind or standard of answers to be expected from candidates and to decide upon the system of marking.

For this purpose, a meeting of the Examiners in each paper or half paper shall be held at which provisional rules shall be drawn up. After this first meeting each Examiner shall look over a certain number of papers in order to obtain a general idea of the style and substance of the answers.

(b) To convene another meeting at which the Board or half Board shall go over a certain number of papers together, (the Chairman reading out the answers one after another), and shall assign marks by common agreement to the different answers and types of answers. Then the final rules shall be framed and embodied in a memorandum to be jointly signed by him and the Examiners and the Paper-setters concerned.

(c) To transmit the memorandum to the Controller of Examinations who will furnish a copy thereof to each of the Examiners concerned.

(d) To look over 5% of all the answer papers examined by each of the Examiners and to see that the standard agreed upon has been generally maintained but not to insist upon mechanical uniformity.

(e) B.Sc. EXAMINATION.

1. The Examination shall be held in April in the following order:—

Tuesday	...	{ Honours Subjects—Physics, Chemistry, Botany, Physiology, Zoology and Geology, 1st Honour Paper—From 10 A.M. to 1 P.M.
		{ Honours Subjects—Physics, Chemistry, Botany, Physiology, Zoology and Geology, 2nd Honour Paper—From 2 P.M. to 5 P.M.
Wednesday	...	{ Honours Subjects—Physics, Chemistry, Botany, Physiology, Zoology and Geology, 3rd Honour Paper and Mathematics, 1st Honour Paper—from 10 A.M. to 1 P.M.
		{ Honours Subjects—Physics, Chemistry, Botany, Physiology, Zoology, and Geology, 4th Honour Paper and Mathematics, 2nd Honour Paper—from 2 P.M. 5 P.M.

* Or whatever the subject may be.

RULES FOR EXAMINATIONS.

Thursday	...	{ Honours Subject—Mathematics, 3rd Honour Paper and Mathematics, 1st Pass Paper—from 10 A.M. to 1 P.M.
		{ Honours Subject—Mathematics, 4th Honour Paper and Mathematics, 2nd Pass Paper—from 2 P.M. to 5 P.M.
Friday	...	{ Honours Subject—Mathematics, 5th Honour Paper and Mathematics, 3rd Pass Paper—from 10 A.M. to 1 P.M.
		{ Honours Subject—Mathematics, 6th Honour Paper—from 2 P.M. to 5 P.M.
Saturday	..	{ Physics, 1st Pass Paper—from 10 A.M. to 1 P.M.
		{ Physics, 2nd Pass Paper—from 2 P.M. to 5 P.M.
Monday	..	{ Chemistry, 1st Pass Paper—from 10 A.M. to 1 P.M.
		{ Chemistry, 2nd Pass Paper—from 2 P.M. to 5 P.M.
Friday	..	{ Botany, 1st Pass Paper—from 10 A.M. to 1 P.M.
		{ Botany, 2nd Pass Paper—from 2 P.M. to 5 P.M.
Monday	...	{ Physiology, 1st Pass Paper—from 10 A.M. to 1 P.M.
		{ Physiology, 2nd Pass Paper—from 2 P.M. to 5 P.M.
Tuesday	...	{ Zoology, 1st Pass Paper—from 10 A.M. to 1 P.M.
		{ Zoology, 2nd Pass Paper—from 2 P.M. to 5 P.M.
Wednesday	...	{ Geology, 1st Pass Paper—from 10 A.M. to 1 P.M.
		{ Geology, 2nd Pass Paper—from 2 P.M. to 5 P.M.

2. Different papers shall be prepared for the Pass and Honours candidates. The questions set in the papers for Pass candidates shall be taken only from the Pass Course and the questions set to the candidates for Honours shall be taken from both the Pass and the Honours Courses. In the papers set to the Honours candidates the questions taken from the Pass Course shall be more difficult than those in the papers set to candidates for a Pass only. The papers shall be headed Mathematics* First Pass Paper; Mathematics* Second Pass Paper; Mathematics* Third Pass Paper; Mathematics* First Honour Paper; Mathematics* Second Honour Paper; Mathematics* Third Honour Paper; Mathematics* Fourth Honour Paper; Mathematics* Fifth Honour Paper; Mathematics* Sixth Honour Paper.

(f) M.A. AND M.SC. EXAMINATIONS.

1. The examinations shall be held in the month of July in the following order:—

Monday	1st Paper—from 11 A.M. to 3 P.M.
Tuesday	2nd " " "
Wednesday	3rd " " "
Thursday	4th " " "
Friday	5th " " "
Saturday	6th " " "
Monday	7th " " "
Tuesday	8th " " "

The Practical Examination in the Scientific subjects other than Mathematics shall extend from Friday to Tuesday.

2. The practical Examination in the Scientific subjects shall be conducted conjointly by two Examiners

3. Candidates who take up Mixed Mathematics will be assumed to possess a knowledge of so much of the Theory of Educations, Differential Equations, Spherical Trigonometry and Geometrical Optics as is necessary to understand the subjects included in the course.

*Or whatever the subject may be.

(ii) LAW.

PRELIMINARY EXAMINATION IN LAW.

The Preliminary Examination in Law shall be held twice a year, namely in the first week of January and in the first week of July, respectively, in the following order:

Date.	From 11 A.M. to 2 P.M.
Monday	... Jurisprudence.
Tuesday	.. Elements of Roman Law and Principles of Legislation.
Wednesday	.. Hindu Law or, Buddhist Law.

2. Three papers will be set for the Examination, each of three hours and carrying 100 marks. The paper shall each be divided into halves and one Examiner shall be appointed to examine the answers to each half-paper. Examiners are required to write in the margin opposite to each question the maximum number of marks they intend to assign to it.

3. In the third paper 40 marks will be allotted to questions framed with a view to test the ability of candidates to apply the more important legal principles to concrete cases. Full credit is to be given for well-reasoned answers to such questions, even if the conclusions happen to differ from the views taken in decided cases. No credit is to be given for bare answers unsupported by arguments.

4. In order to pass the Preliminary Examination in Law, a candidate must obtain—

In each Paper	...	...	...	...	30 marks
In the aggregate	..	...	..	..	150 "
In order to be placed in the First Division a candidate must obtain	...	...	...	...	200 "

5. A candidate who has failed in one paper only by not more than 5 marks but has shown merit by gaining 60 per cent or more in the aggregate of the marks of the examination will be allowed to pass. In order to determine the division in which such a candidate will be placed and his place in the division, the number of marks by which he has failed in one paper will be deducted from his aggregate.

If the Examiners are of opinion that in the case of any candidate not covered by the preceding rule, consideration ought to be allowed by reason of his high proficiency in a particular subject or in the aggregate, they will report the case to the Syndicate and the Syndicate may pass such candidate.

6. The question papers are to be delivered to the Controller in person, or sent to him in a sealed cover at the Senate House not later than a prescribed date.

7. The Examiners are requested to keep the results of the examination and the marks assigned to candidates strictly secret.

8. Examiners are required to be present during the Examination in their respective subjects.

9. Rolls containing the names of the candidates will be supplied to the Examiners who shall enter in them the total marks awarded to each candidate. The Examiners are also required to mark on each answer paper the marks assigned to each question as well as the total marks. The total number of marks must, in every case, be a whole number; if the roll submitted by an Examiner contains fractional marks, it will be returned to him for correction.

10. As soon as possible after the last day of application for admission to the Preliminary Examination in Law, the Syndicate shall fix the latest date for sending in marks. The attention of the Examiners is especially directed to this rule, and the Controller is required to report to the Syndicate any case of infraction of this rule.

11. The answer papers of candidates, after they have been examined and re-examined, if necessary, under Section 7, Chapter XXV of the Regulations, are to be returned to the Controller.

INTERMEDIATE EXAMINATION IN LAW.

1. The Intermediate Examination in Law shall be held twice a year, namely in the first week of January and first week of July, respectively in the following order:—

Date.	From 11 A.M. to 2 P.M.
Monday ...	Mahomedan Law, &c, &c.
Tuesday .	Law of Transfer, <i>inter vivos</i> .
Wednesday .	English Law of Real Property, &c.
Thursday ...	Law of Contracts and Torts.

2. Four papers will be set for the examination, each of three hours and carrying 100 marks. The papers shall each be divided into halves and one Examiner shall be appointed to examine the answers to each half-paper. Examiners are required to write in the margin opposite to each question the maximum number of marks the intend to assign to it.

3. In each paper 40 marks will be allotted to questions framed with a view to test the ability of candidates to apply the more important legal principles to concrete cases. Full credit is to be given for well-reasoned answers to such questions, even if the conclusions happen to differ from the views taken in decided cases. No credit is to be given for bare answers unsupported by arguments.

4. In order to pass the Intermediate Examination in Law a candidate must obtain—

In each paper	30 marks.
In the aggregate	200 "
In order to be placed in the first division a candidate must obtain	267 "

5. A candidate who has failed in one paper only by not more than 5 marks but has shown merit by gaining 60 per cent. or more in the aggregate of the marks of the Examination will be allowed to pass. In order to determine the division in which such a candidate will be placed and his place in the division the number of marks by which he has failed in one paper will be deducted from his aggregate.

If the Examiners are of opinion that in the case of any candidate not covered by the preceding rule, consideration ought to be allowed by reason of his high proficiency in a particular subject or in the aggregate, they will report the case to the Syndicate, and the Syndicate may pass such candidate.

6. The question paper are to be delivered to the Controller in person or sent to him in a sealed cover at the Senate House not later than a prescribed date.

7. The Examiners are required to keep the results of the Examination as well as the marks awarded to candidates *strictly secret*.

8. Examiners are required to be present during the examination in their respective subjects.

9. Rolls containing the names of the candidates will be supplied to the Examiners, who shall enter in them the total marks awarded to each candidate. The Examiners are also required to mark on each answer paper the marks assigned to each question as well as the total marks. The total number of marks must, in every case, be a whole number; if the roll submitted by an Examiner contains fractional marks, it will be returned to him for correction.

10. As soon as possible after the last day of application for admission to the Intermediate Examination in Law, the Syndicate shall fix the latest date for sending in marks. The attention of the Examiners is specially directed to this rule, and the Controller is required to report to the Syndicate any case of infraction of this rule.

11. The answer papers of candidates, after they have been examined and re-examined, if necessary, under Sec. 7, Chap. XXV of the Regulations, are to be returned to the Controller.

FINAL EXAMINATION IN LAW.

1. The Final Examination in Law shall be held twice a year, namely in the first week of January and in the first week of July respectively in the following order:—

Date.	From 11 A.M. to 2 P.M.
Monday ...	Law of Land Tenures, &c, &c.
Tuesday ...	Equity, including the Law of Trust.
Wednesday ...	Law of Evidence and Civil Procedure.
Thursday ...	Law of Crimes and Criminal Procedure.

2. Four papers will be set for the Examination, each of three hours and carrying 100 marks. The papers shall each be divided into halves and one Examiner shall be appointed to examine the answers to each half-paper.

Examiners are required to write in the margin opposite to each question the maximum number of marks they intend to assign to it.

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3. In each paper 40 marks will be allotted to questions framed with a view to test the ability of candidates to apply the more important legal principles to concrete cases. Full credit is to be given for well-reasoned answers to such questions, even if the conclusions happen to differ from the views taken in decided cases. No credit is to be given for bare answers unsupported by arguments.

4. In order to pass the Final Examination in Law, a candidate must obtain—

In each paper	...	...	30 marks.
In the aggregate	...	...	200 „
In order to be placed in the first division a candidate must obtain	...	...	267 „

5. A candidate who has failed in one paper only by not more than 5 marks but has shown merit by gaining 60 per cent. or more in the aggregate of the marks of the examination will be allowed to pass. In order to determine the division in which such a candidate will be placed and his place in the division, the number of marks by which he has failed in one paper will be deducted from his aggregate.

If the Examiners are of opinion that in the case of a candidate, not covered by the preceding rule, consideration ought to be allowed by reason of his high proficiency in a particular subject or in the aggregate they will report the case to the Syndicate, and the Syndicate may pass such candidate.

6. The question papers are to be delivered to the Controller in person or sent to him in a sealed cover at the Senate House not later than a prescribed date.

7. The Examiners are requested to keep the results of the examination as well as the marks awarded to candidates *strictly secret*.

8. Examiners are required to be present during the examination in their respective subjects.

9. Rolls containing the names of the candidates will be supplied to the Examiners, who shall enter in them the total marks awarded to each candidate. The Examiners are also required to mark on each answer paper the marks assigned to each question, as well as the total marks. The total number of marks must, in every case, be a whole number; if the roll submitted by an Examiner contains fractional marks, it will be returned to him for correction.

10. As soon as possible after the last day of application for admission to the Final Examination in Law, the Syndicate shall fix the latest date for sending in marks. The attention of the Examiners is specially directed to this rule, and the Controller is required to report to the Syndicate any case of infraction of this rule.

11. The answer papers of candidates, after they have been examined and re-examined, if necessary, under Sec. 7, Chap. XXV of the Regulations are to be returned to the Controller.

The following instructions to paper-setters for the B.L. Examinations have been adopted by the Syndicate:—

The papers to be set for the Preliminary, Intermediate and Final B.L. Examinations are to be arranged on the following plan:—

PRELIMINARY EXAMINATION.

1st Paper—Jurisprudence.

The paper to be divided into two halves, the First half to contain question on Holland's Jurisprudence (50 marks); and the Second half questions on Constitutional Law (16 marks) and on Maine's Ancient Law (34 marks).

Each half to comprise seven questions, five of which only should be taken up by candidates.

2nd Paper—Roman Law and the Principles of Legislation.

The paper to be divided into two halves

First Half—Roman Law (50 marks).

Second Half—Principles of Legislation, &c., (50 marks).

Each half to comprise seven questions, five of which only are to be taken up by candidates.

3rd Paper—Hindu Law.

The paper to be divided into two halves, each of which carries fifty marks. Each half should comprise five questions three of which should be book-work and riders and two problems. Alternatives should be provided to any three questions in each half. Some of the questions (whether questions with or without alternatives) may be directed to the Leading Cases prescribed.

INTERMEDIATE AND FINAL EXAMINATIONS.

All eight papers for these Examinations (four papers for each should be divided into two halves each of which should carry 50 marks). Each half should comprise five questions, three of which should be book-work and riders and two problems. Alternatives should be provided to any three questions in each half. Some of the questions (whether questions with or without alternatives) may be directed to the Leading Cases prescribed.

INTERMEDIATE EXAMINATION.

First Paper—Mahomedan Law and Law relating to Persons.

First Half—Mahomedan Law.

Second Half—Law relating to Persons

Second Paper—Law of Transfer *inter vivos*.

First Half—Transfer of Property (50 marks).

Second Half—Transfer of Property (35 marks).

Registration—(15 marks).

Third Paper—English Law of Real Property; Law of Intestate and Testamentary Succession.

First Half—Real Property.

Second Half—Succession Act; Hindu Wills Act; Probate and Administration Act.

Fourth Paper—Contracts and Torts.

First Half—Anson's Law of Contract and Contract Act.

Second Half—Contracts (10 marks); Torts (40 marks).

FINAL EXAMINATION.

First Paper—Land Tenures, Land Revenue and Prescription.

First Half—Questions on the Regulations and on Revenue Law

Second Half—Bengal Tenancy Act; Law of Prescription and Easements.

Second Paper—The Principles of Equity, including the Law of Trusts. (No special directions).

Third Paper—The Law of Evidence and the General Principles of Civil Procedure

First Half—Evidence Act ; Limitation.

Second Half—Civil Procedure.

Fourth Paper—The Law of Crimes and the General Principles of Criminal Procedure.

First Half—Penal Code (40 marks).

F. J. Stephen's General view, etc., (10 marks).

Second Half—Stephen (10 marks).

Criminal Procedure (40 marks).

(iii) MEDICINE.

PRELIMINARY SCIENTIFIC, FIRST AND FINAL M.B. EXAMINATIONS.

GENERAL RULES.

The examination shall be conducted in accordance with the following General Rules (Chapter XXV of the Regulations).

1. No questions shall be asked which would require an expression of religious belief on the part of the candidates and any answer or translation given by any candidate shall not be objected to on the ground of its expressing peculiarities of religious belief.

2. Candidates shall give their answers in their own words as far as practicable in all subjects. This rule shall be inserted as a head-note in every question paper

3. Examiners in setting papers shall be guided, as to the scope of the subject of examination by the syllabus prescribed in the Regulations and as to the standard and extent of knowledge required, by the books, if any, recommended from time to time for such purpose.

4. No copy of any examination paper is to be retained by the person setting it.

5. The papers set should be such as candidates can reasonably be expected to answer within the time allotted. The questions in each subject should be fairly distributed over the whole course in that subject, and should conform to the Regulations laid down for the particular examination; there should not be any marked change of standard from year to year, but it is not required that the same type of questions should be set every year. Examiners shall always allow some choice of questions.

6. Questions should be so framed as to encourage good methods of work and teaching, and to discourage unintelligent memorizing.

7. The two Examiners appointed to set a paper in any subject shall be jointly responsible for the paper. The paper shall be divided into two halves, distinguished as the "First Half" and the "Second Half." The answers to the First Half shall be looked over by one of the Examiners, and those to the Second Half by the other. The Oral and Practical Examinations shall be conducted by the two Examiners jointly. The remuneration sanctioned by the Syndicate shall be divided equally between the two Examiners.

In every subject where there are three Examiners, the papers be set jointly by all the three Examiners. In every subject where there are four Examiners, each written paper is to be divided into two halves, the answer to each half to be examined by two Examiners.

8. The Controller shall, as soon as the results have been tabulated, prepare a list of the candidates who have failed in one subject only; in order to guard against any possible inaccuracy, their papers in the subject in which they have failed, shall be re-examined *on the method of marking already adopted and without any alteration of the standard.*

9. Examiners, in giving marks, shall take the correctness of the language of the answers into account.

10. Examiners in giving marks, shall consider whether the answers indicate an intelligent appreciation of the subject or are merely the result of unintelligent memory work.

11. Candidates must produce note books of their laboratory work, which must be duly certified by the Professor, and shall be taken into account in estimating their qualifications.

12. Examiners are requested to place opposite each question in their paper the full number of marks assigned to it and in subjects wherein the examination is written, oral, practical and clinical, candidates should be informed what is the maximum of marks obtainable under each head.

13. The paper should be delivered by the Examiners in person to the Controller or sent to him at the Senate House in a *sealed* double cover **on or before** a prescribed date

14. Rolls, in which the marks awarded are to be entered in the Examiner's hand-writing, will be supplied by the Controller on the day of Examination, and the answer-papers duly marked should be returned to the Controller along with the completed rolls.

The total number of marks must, in every case, be a whole number. If the roll submitted by an Examiner contains fractional marks, it will be returned to him for correction,

15. The rolls containing the results of the examination must be submitted **on or before** a date to be fixed by the Syndicate.

16. Examiners will be good enough to retain a duplicate of the roll and bring it with them to the final meeting of Examiners for the purpose of checking the marks.

17. As soon as possible after the tabulation of the results, the entire body of Examiners shall meet and draw up a report on the examination as a whole for the consideration of the Syndicate. If the Examiners are of opinion that in the case of any candidate who has not attained the standard laid down in the Regulations for a pass or for Honours, consideration ought to be allowed by reason of his high marks in a particular subject or in the aggregate, they shall make a recommendation to the Syndicate under Section 18, Chapter XXV of the Regulations.

18. As soon as possible after the publication of the results of the Examination, the Examiners in each subject shall meet together and draw up a report upon the examination in that subject for the consideration of the Syndicate. The reports so submitted shall ordinarily embody such remarks and recommendations suggested by the work done by the candidates which it is thought desirable in the interests of education to communicate to the Heads of Colleges.

19. Examiners are required to keep the results of the examinations and the marks assigned to candidates *strictly secret*.

RULES FOR EXAMINATIONS

20. Examiners will be expected to be present at the Senate House, Calcutta, during the Examination in the subject for which they have been specially appointed.

21. The answer papers shall be returned to the Controller as soon as the work of re examination is over.

SPECIAL RULES.

Preliminary Scientific M.B. Examination.

1. The written part of the examination will be held in the following order :—

Date.	From 10 A.M. to 1 P.M.
Monday	Inorganic Chemistry.
Tuesday	Physics.
Wednesday	Botany.
Thursday	Zoology.

The Controller will intimate in consultation with examiners on or soon after the day of written examination, when and where the Oral and Practical Examinations in their respective subjects are to be held.

The Practical Examination in Botany includes identification of specimens or parts of the selected types of plants.

The Practical Examination in Zoology includes identification of specimens or parts of the selected types of animals.

2. The full marks in each subject and the minimum marks required for passing shall be as follows :—

Subject.	Written	Oral.	Practical.	Total marks.	Passing marks.	Passing marks in Practical.
Inorganic Chemistry ...	400	50	150	600	200	50
Physics ...	200	50	50	300	100	17
Botany ...	200	100	100	400	134	34
Zoology ...	200	100	100	400	134	34

(ii) *First M.B. Examination.*

1. The written part of the examination will be held in the following order :—

Date.	From 10 A.M. to 1 P.M.
Monday	Anatomy (Pass)
Tuesday	Physiology (Pass)
Wednesday	Pharmacology (Pass)
Thursday	Organic Chemistry.

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The Examination for Honours will be held one week after the results of the Pass Examination will have been declared.

2. The Controller will intimate, in consultation with the Examiners, on or soon after the day of written examination when and where the Oral and Practical examinations in their respective subjects are to be held for *Pass* as well as for *Honours* candidates.

The Pass Practical Examination shall be conducted in accordance with the syllabuses prescribed in the Regulations.

Candidates for Honours in any subject will be required in addition to the written, oral and practical examinations for a pass, to undergo a further and more searching written, oral and practical examination, the scope of which will not be limited to the syllabus if any, prescribed in that subject.

3. The full marks for each subject and the minimum marks required for passing shall be as follows :--

Subject.	Written.	Oral.	Practical	Total marks.	Passing marks.	Passing marks in Practical
Anatomy ..	600	200	200	1000	500	100
Physiology, ...	600	200	200	1000	500	100
Pharmacology, etc.	600	200	200	1000	500	100
Organic Chemistry ...	200	50	50	300	100	17

In order to obtain Honours in any branch, candidates must obtain one-half of the marks allotted to each portion of the examination, written, oral and practical, and two thirds in the aggregate. No candidate, however, will be admitted to the Examination for Honours, unless (1) he has been successful at the Pass Examination and (2) he has obtained at the Pass Examination, in the special subject in which he desires to take Honours, one-half of the marks allotted to each portion of the examination, written, oral, and practical, and two thirds in the aggregate.

(iii) Final M.B. Examination.

The Final M.B. Examination shall be divided into two parts:—Part I and Part II. The examination in each Part shall take place twice a year. The examination in the two parts shall begin on two different dates.

2. The written portion of the examination in Part I, shall be held in the following order :—

Date.	From 10 A.M. to 1 P.M.
Monday	... Medicine (Pass)
Tuesday	... Medicine (Pass)
Wednesday	... Surgery (Pass)
Thursday	... Surgery (Pass)
Friday	... Midwifery (Pass)

RULES FOR EXAMINATIONS

3. The written portion of the examination in Part II, shall be held in the following order:—

Date.	From 10 A.M. to 1 P.M.
Monday ...	Pathology (Pass)
Tuesday ...	Medical Jurisprudence (Pass)
Wednesday ...	Hygiene

4. The Controller will intimate, in consultation with the Examiners on or soon after the day of written examination, when and where the oral and practical examinations in their respective subjects are to be held for *Pass* as well as for *Honours* candidates.

The *Pass* Practical Examination shall be conducted in accordance with the syllabuses prescribed in the Regulations.

Candidates for *Honours* in any subject will be required, in addition to the written, oral and practical examinations for a *Pass* to undergo a further and more searching written, oral and practical examination, the scope of which will not be limited to the syllabus, if any, prescribed in that subject

5. The full marks for each subject and the minimum marks required for passing in Part I shall be as follows:—

Subject.	Written.	Oral	Practical.	Total marks	Passing marks.	Passing marks in Practical.
Medicine ...	600	200	200	1,000	500	66
Surgery ...	600	200	200	1,000	500	66
Midwifery ...	500	100	200	800	400	66

The examination must be passed as a whole; a candidate who fails in any portion of it will be rejected.

6. The full marks for each subject and the minimum marks required for passing in Part II shall be as follows:—

Subject.	Written.	Oral.	Practical	Total marks.	Passing marks.	Passing marks in Practical.
Pathology ...	400	100	100	600	200	34
Medical Jurisprudence ...	400	100	100	600	200	34
Hygiene ...	200	100	...	300	150	...

The Examination for Honours will be held one week after the results of the Pass Examination will have been declared by the Examiners. No candidate will be admitted to the Examination for Honours unless (1) he has been successful at the Pass Examination and (2) he has also obtained at the Pass Examination in the special subject in which he desires to take Honours, one-half of the marks allotted to each portion of the Examination, written, oral and practical, and two thirds in the aggregate.

In order to obtain Honours in any branch, a candidate must obtain half the marks allotted to each portion of the Examination, written, oral and practical, and two-thirds in the aggregate.

M.D., M.S., M.O. and D.P.H. EXAMINATIONS

1. These Examinations shall be conducted by Boards of Examiners, consisting of three persons for each examination.

The Dean of the Faculty of Medicine shall be the *ex-officio* President of each of the Boards.

2. Examiners are required to be present in Calcutta during the oral and practical examinations.

3. The Controller shall forward the thesis to the Dean of the Faculty of Medicine and copies to each of the three Examiners, immediately on receipt of the same, with a request to report on it, at least a month before the commencement of the Examination, calling their attention to Section 6 of the Regulations for the M.D. Examination, or the corresponding Section of the Regulations for the M.S. and M.O. Examinations as the case may be. The thesis will be looked over by each of the examiners and will be reported on after consultation, as "not commended," "commended" or "highly commended."

4. The papers will be set by the Examiners by mutual arrangement in consultation with the Dean.

The Oral, Practical and Clinical Examinations, will be similarly conducted.

5. The papers shall be delivered by the Examiners in person to the Controller or sent in a *sealed* double cover on or before a prescribe date.

No copy of any examination paper is to be retained by the Examiners.

6. No marks will be assigned either in the papers or in the Oral or Practical Examination but the Examiners will report whether the candidate has failed, passed or passed with Distinction.

7. Examiners are required to keep the results of the examinations *strictly secret*.

8. Examiners will be good enough to intimate to the Controller at least a week before the day of the written Examination, when and where the Oral, Practical and Clinical Examinations are to be held. The Time-Table of the Examination, showing both the time and place of the Written, Oral and Practical Examinations will be furnished by the Controller to each Examiner, each candidate and each School of the University.

9. Each Board of Examiners will meet as soon as possible after the conclusion of the Examination and submit its report to the Syndicate.

RULES FOR EXAMINATIONS

10. The Time-Table of the Examinations—

Written Examinations.*

Date.	M.D.	M.S.	M.O.	D.P.H.
Monday	Medicine, 1st Paper ...	Surgery, 1st Paper ...	Obstetrics, 1st Paper ...	Hygiene.
Tuesday	" 2nd Paper ...	" 2nd Paper ...	" 2nd Paper ...	Sanitation, etc.
Wednesday	Pathology ...	Surgical Anatomy and Pathology.	Obstetric Anatomy, Pathology, etc.	Ethiology of Diseases, etc.
Thursday	Mental Disease ...	Ophthalmology ...	Gynaecology ...	Chemistry and Physics.

Oral and Practical Examinations.

Date	M.D. Place and Hour	M.S. Place and Hour.	M.O. Place and Hour.	D.P.H. Place and Hour.

* In the Senate House from 10 A.M. to—P.M. each day.

(iv) ENGINEERING.

INTERMEDIATE EXAMINATION IN ENGINEERING AND B.E. EXAMINATION.

GENERAL RULES.

The examinations shall be conducted in accordance with the following General Rules:—

1. No question shall be asked which would require an expression of religious belief on the part of the candidates ; and any answer or translation given by any candidate shall not be objected to on the ground of its expressing peculiarities of religious belief.

2. Candidates shall give their answers in their own words as far as practicable in all subjects. *This rule shall be inserted as a head note in every question paper.*

3. Examiners in setting papers shall be guided, as to the scope of the subjects of examination, by the syllabuses prescribed in the Regulations and as to the standard and extent of knowledge required, by the books, if any, recommended from time to time for such purpose.

4. No copy of any examination paper is to be retained by the person setting it.

5. The papers set should be such as candidates can reasonably be expected to answer within the time allotted. The questions in each subject should be fairly distributed over the whole course in that subject, and should conform to the Regulations laid down for the particular examination ; there should not be any marked change of standard from year to year, but it is not required that the same type of questions should be set every year. Examiners shall always allow some choice of questions.

6. Questions should be so framed as to encourage good methods of work and teaching, and to discourage unintelligent memorizing.

7. The two Examiners appointed to set a paper in any subject shall be jointly responsible for the paper. The paper shall be divided into two halves distinguished as the "First Half" and "Second Half." The answers to the First-half shall be looked over by one of the examiners, and those to the Second Half by the other. The Practical Examination shall be conducted by the two Examiners jointly.

8. The Controller shall, as soon as the results have been tabulated, prepare a list of the candidates who have failed in one group of subjects only in order to guard against any possible inaccuracy, their papers in the subjects of the group in which they have failed shall be re-examined *on the method of marking already adopted, and without any alteration of the standard.*

9. Examiners, in giving marks, shall take the correctness of the language of the answers into account.

10. Examiners, in giving marks, shall consider whether the answers indicate an intelligent appreciation of the subject or are merely the result of unintelligent memory work.

11. In connection with all practical tests at the Intermediate and Bachelor of Engineering Examinations, candidates shall submit to the Examiners note-books duly certified by the Professor, of the practical work, done by them during the College session. The Examiners may, if they think proper, take these note-books into account when awarding marks for such practicals tests.

In answering any paper, a candidate may use a slide rule, unless this has in any case been expressly forbidden by the Examiners setting the paper. Candidates who wish to take advantage of this permission shall bring their own slide rule. Mathematical tables will be provided when required.

12. Examiners are required to place opposite each question in their paper the full number of marks assigned to it.

13. The papers should be delivered by the Examiners in person to the Controller or sent to him at the Senate House in a sealed double cover on or before a date to be fixed by the Syndicate.

14. Rolls in which the marks awarded are to be entered in the Examiner's hand-writing will be supplied by the Controller on the day of Examination, and the answer papers duly marked should be returned to the Controller along with the completed rolls.

The total number of marks must, in every case, be a whole number. If the roll submitted by an Examiner contains fractional marks, it will be returned to him for correction.

15. The rolls containing the results of the examination must be submitted on or before a date to be fixed by the Syndicate.

16. Examiners will be good enough to retain a duplicate of the roll and bring it with them to the final meeting of Examiners for the purpose of checking the marks.

17. As soon as possible after the tabulation of the results, the entire body of Examiners shall meet and draw up a report on the Examination as a whole for the consideration of the Syndicate. If the Examiners are of opinion that, in the case of any candidate who has not attained the standard laid down in the Regulations for a pass, consideration ought to be made by reason of his high marks in a particular subject or in the aggregate, they shall make a recommendation to the Syndicate, under Section 18, Chapter XXV of the Regulations.

18. As soon as possible after the publication of the results of the examination, the Examiners in each subject shall meet together and draw up a report upon the examination in that subject for the consideration of the Syndicate. The report so submitted shall ordinarily embody such remarks and recommendations, suggested by the work of the candidates, as it is thought desirable in the interests of education to communicate to the Heads of Colleges.

19. Examiners are required to keep the results of the examination and the marks assigned to candidates *strictly secret*.

20. Examiners will be expected to be present at the Senate House, Calcutta, during the examination in the subject for which they have been specially appointed.

21. The answer papers shall be returned to the Controller as soon as the work of re-examination is over.

INTERMEDIATE EXAMINATION IN ENGINEERING.

SPECIAL RULES.

The written part of the examination will be held at the Senate House, in the following order and at the time specified :—

July.		From 8 A.M. to 11 A.M	From 1 P.M. to 4 P.M.
Monday,	5th	Computation, Mensuration and Statics.	Differential Calculus and Plane Geometry.
Monday,	5th	Integral Calculus and Analytical Geometry.	Dynamics and Applied Mechanics.
Tuesday,	5th	General Physics ...	General Chemistry.
Tuesday,	5th	Applied Physics ...	Technical Chemistry and Metallurgy.
Wednesday,	7th	Materials of Construction ...	Estimating.
Thursday,	8th	Surveying ...	Drawing.
Saturday,	3rd	Details of Construction ...	.....

N.B.—The Practical Examination in Chemistry and Physics will be held at the B. E. College on dates which will be notified by the Principal of that College.

The practical examinations in Chemistry, Physics, Surveying and Drawing will be held at the Engineering College, Sibpur, on dates which will be duly notified. The following are the maximum marks in the different subjects of the examination.—

SECTION A.

I. Mathematics—

1. Computations, Mensuration and Statics	...	300
2. Differential Calculus and Plane Geometry	...	300
		—600

II. Chemistry—

1. Theory	...	200
2. Practical	...	200
		—400

III. Physics—

1. Theory	...	200
2. Practical	...	200
		—400

SECTION B.

IV. Mathematics—

1. Statics, Dynamics and Applied Mechanics	...	300
2. Integral Calculus and Analytical Geometry	...	300
		—600

RULES FOR EXAMINATIONS

V. Applied Science—

1. Technical Chemistry and Metallurgy	...	Paper	...	200
2. Ditto	...	Practical	...	200
3. Applied Physics	...	Paper	...	200
4. Ditto	...	Practical	...	200
				—800

VI. Engineering—

1. Materials of Construction	...	...	...	400
2. Details of Construction	...	...	...	400
3. Estimating	...	...	...	200
				—1000

VII. Surveying—

1. Theory	...	...	...	300
2. Practical	...	...	...	300
				—600

VIII. Drawing—

1. Theory	...	...	...	300
2. Practical	...	...	...	300
				—600

GRAND TOTAL ... 5000

The pass marks shall be one-third in each group of subjects and half of the aggregate.

B.E. EXAMINATION.

SPECIAL RULES.

The written part of the examination will be held in the following order and at the times specified :—

B. E. EXAMINATION.

CIVIL ENGINEERING.

July.		From 8 A.M. to 11 A.M.	From 1 P.M. to 4 P.M.
<i>Non. Professional Section.</i>			
Monday, 5th	...	Mathematics, Theories	Mathematics, Application
Tuesday, 6th	...	Applied Physics	
Wednesday, 7th	...	Geology and Mineralogy	...
<i>Professional Section.</i>			
Tuesday, 5th	...	...	Irrigation and Sanitary Engineering.
Wednesday, 7th	...	Roads and Railways	Applied Mechanics.
Thursday, 8th	...	Hydraulics	The Principles of Architectural Design.
Friday, 9th	...	Electrical Engineering	Mechanical Engineering.

The Practical Examination in Applied Physics and in Metallurgy will be held at the Bengal Engineering College on dates which will be announced by the Principal of that College.

Attested Drawings and Designs must be submitted previous to the examination.

The Examination in Practical Engineering Physics will be held at the Engineering College, Sibpur, on a date which will be duly notified.

A candidate may present himself for examination in any one of the three following branches:—

- I. Civil Engineering.
- II. Mechanical and Electrical Engineering.
- III. Mining Engineering.

The maximum marks in the different subjects are given below:—

CIVIL ENGINEERING.

Non-Professional Section.

Mathematics	{	1. Theories	... 250
		2. Application	... 350
			<hr/> 600
Science	{	1. Geology and Mineralogy	... 300
		2. Applied Physics (paper)	... 300
		3. Do (Practical)	... 200
			<hr/> 800
Metallurgy	{	1. Paper (for candidates appearing in 1919 only).	200
		2. Practical	... 200
			<hr/> 400
Total Non-professional Section			... 1,800

Professional Section.

Group I	{	1. Roads and Railways	... 400
		2. Irrigation and Sanitary Engineering	... 400
		3. Applied Mechanics	... 400
		4. Hydraulics	... 400
			<hr/> 1,600
Group II	{	1. Mechanical Engineering	... 400
		2. Do. Laboratory work	... 200
		3. Electrical Engineering	... 400
		4. Do. Laboratory work	... 200
			<hr/> 1,200
Group III	{	1. Attested Designs for Engineering work	500
		2. Practical Drawing	... 300
		3. The Principles of Architectural Design	200
			<hr/> 1,000
Total Professional Section			... 3,800

MINING.

Non-Professional Section, to be taken at the end of the first year.

RULES FOR EXAMINATIONS.

MATHEMATICS.

Theories	...	...	...	...	250	
Application	...	...	...	...	350	
						<u>600</u>

SCIENCE.

Geology and Mineralogy	...	...	...	300	
Applied Physics (paper)	...	...	...	300	
Ditto. (Practical)	...	...	...	200	
					<u>800</u>

Total Non-Professional ... 1,400

Professional Section.

GROUP I.

Applied Mechanics and Hydraulics...	...	...	400	
Mining I	...	...	400	
Mining II	...	...	400	
				<u>1,200</u>

GROUP II.

Mechanical Engineering (paper)	...	...	400	
Ditto Laboratory work	...	...	200	
Electrical Engineering (paper)	...	...	400	
Ditto Laboratory work	...	...	200	
				<u>1,200</u>

GROUP III.

Attested Designs for Engineering Works and Buildings	...	500	
Practical Drawing	...	300	
			<u>800</u>

Total Professional Section 3,200

ELECTRICAL AND MECHANICAL ENGINEERING.

Non-Professional Section, which may be taken at the end of the first year.

MATHEMATICS.

Theories	...	...	...	250	
Application	...	...	...	350	
					<u>600</u>

SCIENCE.

Applied Physics (paper)	...	...	300	
Ditto (practical)	...	...	200	
				<u>500</u>

Total Non-Professional Section ... 1,100

Professional Section.

GROUP I.

Applied Mechanics and Hydraulics	...	...	400
Electrical Engineering (common paper)	...	...	400
Ditto (advanced)	...	...	400
Ditto (practical work)	...	...	200
			<hr/> 1,400

GROUP II.

Mechanical Engineering (common paper)	...	...	400
Ditto (advanced)	...	...	400
Theory of Machine	...	...	400
Mechanical Engineering (practical work)	...	...	200
			<hr/> 1,400

GROUP III.

Attested Designs for Engineering workshops	...	...	500
Practical Drawing	...	...	300
			<hr/> 800

Total Professional Section ...3,200

The pass marks shall be one-third in each group of subjects and half of the aggregate for a Second Class. Two-thirds of the aggregate shall be required for a First Class. The candidate who is placed first in the First Class in each branch shall receive a gold medal and a prize of books to the value of Rs. 200.

APPENDIX TO SECTION XX.

SCALE OF REMUNERATION TO EXAMINERS.

MATRICULATION EXAMINATION,

	Rs.	A.	P.
Fee for each of the three paper-setters in English for setting two papers.	25	0	0
Fee for each of the two setters of passages in each Vernacular for translation into English	16	0	0
Fee for each of the three paper-setters in Mathematics for setting two papers.	25	0	0
Fee for each of the three paper-setters in each of the Second Languages for setting two papers (compulsory and additional)	25	0	0
Fee for each of the two paper-setters in Vernacular Composition, or Alternative Subject, History, Geography, Mechanics, Hygiene and Vernaculars taken up by female candidates as Second Languages, for setting one paper in each	16	0	0
Examining an answer paper in any subject	0	8	0

	Rs.	A.	P.
Head Examiner's fee* (one paper)	250	0	0

The fee for re-examining an answer paper is fixed at half the ordinary fee allowed for examining it

INTERMEDIATE IN ARTS AND SCIENCE EXAMINATIONS.

Fee for each of the three paper-setters in English for setting three papers	32	0	0
Fee for each of the three paper-setters in subjects where there are two papers	25	0	0
Fee for each of the two paper-setters in subjects where there is one paper	16	0	0
Examining an answer paper in any subject	0	10	0
Each of the three Head Examiners' fee* in English	250	0	0
Head Examiner's fee* in a subject where there are two papers ...	350	0	0
Head Examiner's fee* in a subject where there is only one paper	250	0	0

The fee for re-examining an answer paper is fixed at half the ordinary fee allowed for examining it.

B.A. AND B.Sc. EXAMINATIONS.

Fee for setting a Pass or Honour Paper	32	0	0
Chairman's Fee in B.A. Pass English (for three papers) ..	750	0	0
Head Examiner's fee* in Vernacular Composition in Bengali ...	250	0	0
Examining a Pass Paper	0	12	0
Examining an Honour Paper	1	0	0
Practical Examination, either Pass or Honour, of each candidate ..	3	0	0

The fee for re-examining an answer paper is fixed at half the ordinary fee allowed for examining it.

M.A. AND M.Sc. EXAMINATIONS.

Fee for setting a paper by a person other than a University Professor or Lecturer	64	0	0
Examining a paper	2	0	0
Practical Examination of each candidate	4	0	0

* The fee of Head Examiner for re-examining an answer paper is equal to the fee allowed for examining it. The remuneration to be paid to a Head Examiner in any subject for the work of re-examining the answer papers is limited to the amount which will be due to him for examining 5 per cent. of the papers in that subject. This does not apply to the re-examination of answer papers of candidates who fail only in one subject, for which the usual re-examination fee is admissible.

RULES FOR EXAMINATIONS.

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L.T. EXAMINATION.

	Rs.	A.	P.
Setting a paper	32	0	0
Examining a paper	1	0	0
Fee for conducting Practical Examination of each candidate ..	1	8	0

B.T. EXAMINATION.

Setting a paper	32	0	0
Examining a paper	1	0	0
Fee for conducting Practical Examination of each candidate ..	2	0	0

PH.D. AND D.Sc. EXAMINATIONS.

	Rs.	A.	P.
Fee for each member of the Board	100	0	0

PRELIMINARY, INTERMEDIATE AND FINAL EXAMINATIONS IN LAW.

Examining a paper	1	8	0
" a half paper	0	12	0

M. L. EXAMINATION.

Setting a paper	75	0	0
Examining a paper	2	8	0

PRELIMINARY SCIENTIFIC M.B. EXAMINATION AND ORGANIC CHEMISTRY FOR THE FIRST M.B. EXAMINATION.

Setting a paper	50	0	0
Setting a Practical paper	50	0	0
Examining a paper	1	8	0
Practical Examination of each candidate	2	0	0
Oral Examination of each candidate	2	0	0

FIRST M.B. EXAMINATION.

In a subject other than Organic Chemistry.

Setting a paper	60	0	0
Setting a Practical paper	60	0	0
Examining a paper	2	0	0
Practical Examination of each candidate	3	0	0
Oral Examination of each candidate	3	0	0

FINAL M.B. EXAMINATION.

Setting a paper	80	0	0
Setting a Practical paper	80	0	0
Examining a paper... .. .	2	0	0
Practical Examination of each candidate	4	0	0
Oral Examination of each candidate	4	0	0

RULES FOR EXAMINATIONS.

M.D., M.S., M.O., AND D.P.H. EXAMINATIONS.

Setting a paper	...	...	...	...	75	0	0
Examining a paper	...	...	...	...	2	8	0
Oral, Practical and Clinical Examination of each candidate	...	...	...	...	10	0	0

INTERMEDIATE EXAMINATION IN ENGINEERING.

Setting a paper	...	...	...	...	48	0	0
Examining a paper	...	...	...	...	1	8	0
Practical Examination of each candidate	...	...	...	...	2	0	0

B.E. EXAMINATION.

Setting a paper	...	...	...	...	64	0	0
Examining a paper	...	...	...	...	2	0	0
Examining Projects, Designs of each candidate	...	...	...	...	25	0	0
Examining Drawing of each candidate	...	...	...	...	25	0	0
Practical Examination of each candidate	...	...	...	...	3	0	0

If an Examiner is appointed to look over answers to a paper that he has not himself set, the fee paid to him shall not be less than half the fee paid for setting the paper.

Wherever fee is fixed for setting a paper or conducting an Examination and no special provision is otherwise made, the fee is to be equally divided amongst all the persons who take part in setting the papers or conducting the Examination.

LIST OF REGISTERED GRADUATES, 1920-21,
(as stands on the 16th November, 1920).

Mr. Ataul Hakim, M.A.	
Mr. Acharyya, Dhireschandra Vidyaratna, M.A., B.L.	
Adhya, Amulyadhan, B.A.	
Mr. Aikat, Amulyachandra, M.A., B.L.	
Bandyopadhyay, Mr. Amulyachandra, M.A.	
"	" Ajitkumar, B.L.
"	" Biharilal, M.A.
"	" Durgacharan, M.A., B.L.
"	" Gauranganath, M.A., B.L.
"	" Haranchandra, M.A., B.L.
"	" Kaliprasad, M.Sc.
"	" Nagendranath, M.A. B.L.
"	" Saileschandra, M.A.
"	Dr. Saratchandra, Rai Bahadur, M.A., D.L.
"	Mr. Sasisekhar, B.A.
"	" Satyakisor, M.A.
"	" Upendrachandra, M.A., B.L.
Bardhan, Mr. Sarojinath, B.A., L.M.S.	
Basak, " Purnachandra, B.L.	
Basu, " Bhupendrachandra, M.A. B.L.	
"	" Binodbihari, B.L.
"	Hon'ble Sir Bipinkrishna, Rai Bahadur, Kt., C.I.E., M.A., B.L.
"	Mr. Bireswar, M.A.
"	" Charuchandra, B.A., M.B.
"	" Kantichandra, B.L.
"	" Narendrachandra, B.L.
"	" Praphullachandra, M.A.
"	" Sachindrakumar, B.A.
"	" Sasibhushan, M.A.
"	" Satyacharan, M.A.
"	" Sureschandra, B.L.
"	" Susilkumar, B.A.
Bezbaruya, Mr. Lakshminath, B.A.	
Bhanja, " Sudhindranath, B.L.	
Bhattacharyya, Mr. Bankubihari, M.A.	
"	" Gurubandhu, M.A.
"	" Mahamahopadhyay Kaliprasanna, M.A.
"	" Matilal, M.A.
"	" Narendranath, B.A.
"	" Nibaranachandra, M.A.
"	" Padmanath Bidyabinod, M.A.
"	" Surendranath, M.A.
Biswas, Mr. Charuchandra, M.A., B.L.	
"	" Raicharan, M.A., B.L.
"	" Saratlal, M.Sc.
Chakrabarti, Mr. Kshitischandra, B.L.	
"	" Madhabdas, M.A.
"	" Srischandra, B.A.
"	" Surendramohan, B.A.
Chunder, " Nirmalchandra, M.A., B.L.	
Chatterjee, " Joginimohan, B.A.	
"	" P. K., B.A. (Cal.) B Sc. (Lon.).
Chattopadhyay, Mr. Akshaykumar, M.A.	

Chattopadhyaya, Mr.	Bibhutibhushan, M.A.
"	" Dinabandhu, M.Sc.
"	" Khirodbihari, M.A., B.L.
"	" Lakshminarayan Vedasastri, M.A.
"	" Nalinimohan, M.A.
"	" Prankajkumar, M.A., B.L.
"	" Rajanimohan, B.A.
"	" Satishchandra, M.A.
"	" Sureshchandra, M A
Chaudhuri,	Gopaldas M.A.
"	" Jnanendramohan, M.A., B.L.
"	" Kumudnath, M.A.
"	Hon'ble Pandit Gopabandhu, B.L.
"	Dr. Harendranath, M.A., M.D.
"	Mr. Jagadishchandra, M.A.
"	Mr. Phanindranath, M.A.
Datta, Mr.	Aswinikumar, M.A., B.L.
"	" Bhairabchandra, B.L.
"	" Debendrachandra, M.Sc.
"	Dr. Rasiklal, D.Sc.
"	Mr. Sailendramohan, B L.
"	Sureschandra, M.A.
Dattagupta, Mr.	Aksaykumar, M.A.
De, Mr.	Bipinbihari, M.A.
"	" Charuchandra, B.Sc., B.L.
"	" Purnachandra, B.A.
Dhar, Mr.	Gokulnath, B.A.
"	" Hariram, B.A.
Gangopadhyay, Mr.	Bijaykumar, B.A.
"	" Narendranath, B.A.
Ghatak, Mr.	Jyotishchandra, M.A.
Ghosh, Hon'ble Rai Bahadur Debender Chunder,	B.L.
"	Rai Bahadur Debendranath, B A., F.S.S., F.R.E.S.
"	Mr. Jatindramohan, M.A.
"	" Jnanachandra, M.A.
"	" Nirmalchandra, B.L.
"	" Ramendranath, M A
"	Sir Rashbehary, Kt., C.S.I., C.I.E. M.A., D.L., Ph.D.
"	Mr. S. K., M.A., I.C.S.
"	" Sucharubhushan, B A.
"	Dr. Sudhamay, D.Sc.
Goenka, Mr.	Badridas, B.A.
Goswami, "	Anantaprasad, M.A.
"	" Raja Kisorilal, M.A., B.L.
Guha, "	Abinaschandra, M.A., B.L.
"	" Jnanendrachandra, B.L.
"	" Surendranath, M.A., B.L.
Gupta, Mr.	Kshirodchandra, M.A.
Jharkhandi, Pandit	Somnath, B.A.
Kanjilal, Mr.	Jogendranath, M.A.
"	" M. N., M.A., LL.B.
Kar, "	Pramathachandra, M.A.
"	" Siteschandra, M.A., B.L.
"	" Tulsidas, M A.
Law, "	Satyacharan, M.A., B.L.
M. A. Hafiz, Mr.	M.A.
Maulvi Abdulla Abu Sayeed,	M.A.

Maulvi Muhammad Irfan, M.A.	
Maulvi Muhammad Sonaullah, M.A.	
Maitra, Mrs. Snehalata, B.A.	
Majumdar, Mr. Birajmohan, M.A., B.L.	
" " Gokulchandra, M.A., B.L.	
" " Rai Jadunath, Bahadur, M.A., B.L.	
" " Saratchandra, M.A., B.L.	
Mallik, Mr. Manoranjan, B.L.	
Mandal, " Mathuranath, M.A.	
Mitra, " Birendranath, M.A., B.L.	
" " Haraparbati Kumar, M.Sc.	
" " Jyotischandra, M.A., B.L.	
" " Dr. Prabhaschandra, M.A., D.L.,	
" " Mr. Purnachandra, M.A.	
" " Ramcharan, C.I.E., M.A., B.L.	
" " Subritchandra, M.A.	
Mukhopadhyay, Mr. Adharchandra, M.A., B.L.	
" " Amiyanath, B.A.	
" " Sir Asutosh, Kt., C.S.I.	
" " Asutosh, M.A., B.L.	
" " Dhirendranath, M.A.	
" " Dhurjatiprasad, M.A.	
" " Girindfalal, M.A.	
" " Haricharan, M.A.	
" " Jatindramohan, B.A.	
" " Krishnamohan, M.A.	
" " Manmathanath, M.A., B.L.	
" " Nagendranath, B.E.	
" " Promathanath, B.L.	
" " Raja Pyrimohan, C.S.I., M.A., B.L.	
" " Syam charan, M.A.	
Nabi Nowaz Khan Lodi, M.A.	
Nahar, Mr. Puranchand, M.A., B.L.	
Nandi, " Atulkrishna, B.L.	
Niyogi, " Jitendraprasad, M.A.	
Palit, " Sibchandra, B.L.	
Pradhan, " Sitanath, M.Sc.	
Ray, " Baikunthachandra, M.A.	
" " Khagendrabhushan, M.A., B.L.	
" " Muktidaranjan, M.A.	
" " Nibaranchandra, M.A.	
" " Nripendranarayan, M.A., B.L.	
" " Pratapchandra, B.A.	
" " Priyadarajan, M.A.	
" " Saratkumar, M.A.	
" " Sasadhar, M.A., B.L.	
" " Sisirkumar, M.A.	
" " Taritbhushan B.L.	
Raychaudhuri, Mr. Hemchandra, M.A.	
" " Kalidas, B.L.	
" " Suryyakanta, B.A.	
Razaur Rapmankhan, M.A.	
Rudra, Mr. Padminibhushan, M.A.	
Sadhu, Ray Bahadur Taraknath, B.L.	
Saha, Mr. Abinaschandra, M.Sc.	
Saiyed Mahammad Abdullah, B.A.	
Sanyal, Mr. Durgananda, B.A.	

Sarbadhikari, Lt. Col. Dr, Suresprasad, C.I.E., B.A., M.D., I.M.S.

Sammadar, Mr. Jogindranath B.A.

Sarkar, Mr. Chunilal, B.E.

" " Hemantakumar, B.L

" " Janakinath, B.A.

" " Pramathanath, M.A.

" " Sailendranath, M.A.

Sen, Rai Bahadur Baikunthanath, B.L.

" Mr. Boshisattva, M.A.

" " Debendranath, M.A.

" Dr. Jatindranath, M.A., Ph.D.

" " Jitendranath, M.A.

Sen, Mr. Narendranath M.A., B.Sc.

" " Paresnath B.A.

" " Prasannakumar, B.A.

" " Satischandra, B.A.

Sengupta, Mr. Hemchandra, M.A.

Shames-ul-Ulama Kamaluddin Ahmed, M.A.

Shaw, Mr. Ramkrishna, B.L.

Seal, Dr. Brajendranath, M.A., Ph.D.

Sinha, Mr. Charuchandra, M.A., B.L.

Sinha Ray, Mr. Bijayprasad, M.A.

Som, " Bhupendranath, M.A.

Srimani, " Bhringeswar, B.A.

" " Charuchandra, B.E.

Hon'ble Nawab Sir Syed Shamsul Huda, K.C.I.E., M.A., B.L.

The following is to be added to the list of books in English recommended for the Matriculation Examination in 1923.

University Bible Selections, Part II.

ADDENDA.

TEXT-BOOKS.

ARTS AND SCIENCE.

In all case where reference is made to Chapters, Sections, 2 Pages, or Lines, thus Chapters I—IX, the reference is to be understood as inclusive.

MATRICULATION EXAMINATION, 1923.

ENGLISH.

The following works are recommended to indicate the standard of knowledge to be demanded of candidates at the Matriculation Examination in 1923:—

Prose.

Prose Selection for the Matriculation students (published by the University)	
Defoe	... Robinson Crusoe (any school edition)
Lamb	... Tales from Shakespeare.
M. A. Hamilton	... Greek Legends (Oxford Press).
Harrap	... Stories from Old Testament.
Scott	... Readings from Waverley Novels (edited by Harinath De).
Fournier	... Wonders of Physical Science (Macmillan).
Swift	... Gulliver's Travels (any school edition).
Tod	... Annals of Rajasthan (Mewar), abridged by C. H. Payne.
Smiles	... Selections by Rasamay Mitra.
Lalbehary De	... Folk Tales of Bengal; Bengal Peasant-Life.
Washington Irving	... University Selections (new edition),
Arabian Nights (any school edition).	
Select Readings from English History, Parts I and II; Published by the University.	

Poetry.

Lahiri's Select Poems: revised edition (published by the Calcutta University.
Dunn ... India in Song.

VERNACULAR COMPOSITION.

BENGALI.

(Books recommended to be read as presenting models of style.)

Iswarchandra Vidyasagar	...	Sitar Banabas.
Rajanikanta Gupta	...	Beer Mahima (new abridged edition).
Chandranath Basu	...	Chandrakana.
Dineshchandra Sen	...	Muktachuri
Ramendrasundar Trivedi	...	Prakriti.
Mankumari Basu	...	Subha Sadhana.

HINDI.

(Books recommended to be read as presenting models of style.)

Bal Bharat (Indian Press, Allahabad).
 Upadesha Kusumakar (excluding poetry pieces). (Khadgavilas Press, Bankipore).

URIYA.

(Books recommended to be read as presenting models of style.)

Mrityunjay Kavyatirtha	...	Prabandhapatha.
Madhusudan Rao	...	Prabandhamala.

ASSAMESE.

(Books recommended to be read as presenting models of style.)

Satyanath Borah	...	Sahitya-bichar.
Lakshminath Bezborah	...	Sadhu Kathar Kuki.
Hemchandra Baruya	...	Pathamala.

BURMESE.

(Books recommended to be read as presenting models of style.)

Mahazanakka.
 Withandaya.
 Temi

KHASI.

(Books recommended to be read as presenting models of style.)

Ka Jingiathukhana Puriskam (Khasi Folk Tales), by U. Rabon Sing.
 Book of Proverbs in Khasi (p. 740 of Khasi Bible).

MODERN TIBETAN.

(Books recommended to be read as presenting models of style.)

Bay Chos
 Namthar of Mi-la-ras-pa.

NEPALI.

(Books recommended to be read as presenting models of style.)

Shri Vijñān Vilas	...	"Bharatbarsako Itihas."
Matiram Bhatta	...	"Marina Charitra."
	"	"Sankshiṭṭa Rāmāyan."

URDU

(Books recommended to be read as presenting models of style.)

Taubat-un-Nasuh, by Nazir Ahmad.
 Durbar-i-Akbārī.
 Urdu-i-Mu'allā of Ghalib.

MARATHI.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

GUJRATHI.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

MAITHILI.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

TAMIL.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

TELEGU.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

KANARESE.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

MALAYALAM.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

SINHALESE.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

MATHEMATICS.

No text-books are prescribed or recommended. The subject is to be studied in accordance with the syllabus prescribed in the Regulations of the University.

SANSKRIT.

The following portions of the Calcutta University Selections :—

Part I—Prose (edition of 1919).

				Pages.
Panchatantram	...	...	...	1—3, 29—40
Hitopodesa	...	...	...	52—96
Vishnupuranam	...	...	...	97—106

Part II—Poetry (edition of 1920).

Valmike Kabitvalabha, Rama Lakshmanayoratita-				
pobanagamanam and Rabana Saktyahatasya				
Lakshmanasya Punarutthanam	...	...	...	1—8, 36—41
Dhritarashtrabilapa	...	...	...	199—209

GRAMMAR.

Elementary Sanskrit Grammar by Dr. G. Thibaut (published by the University).

PALI.

Prose.

Anderson's Pali Reader	...	Pages 1—43, omitting Radha Jataka, Nacca Jataka and Sussondi Jataka.
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Poetry.

Dipavamsa	Bhanavaras I—V.
Khuddaka Patha	Mangala Sutta.

Grammar.

Balavatara	Edited by Dr. Satischandra Vidya- bhushan and Samana Punnanada.
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CLASSICAL TIBETAN.

Course of Studies in Classical Tibetan Edited by Dr. E. D. Ross, C.I.E.,
Ph. D.

ARABIC:

University Selections compiled and edited by Dr. E. D. Ross, Ph. D., C.I.E.,
omitting pages 4—10 and 52—57.

PERSIAN.

University Selections compiled and edited by Dr. E. D. Ross, Ph.D., C.I.E.,
for the Matriculation Examination, omitting pages 1—5 and 57—68.

GREEK.

Xenophon	...	...	Anabasis, Book IV.
Euripides	...	...	Troades.
New Testament	...	...	The Gospel according to St. Mark, Chapters VII—XII.

LATIN.

Cæsar	...	...	De Belle Gallico, Books IV and V.
Virgil	...	...	Æneid, Book II.

FRENCH.

Erkmann-Chatrian	...	...	L'Invasion.
Racine	Athalie.

GERMAN.

Prose.

Hauff	Das Wirthshaus in spessart (Pitt Press, Macmillan).
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Poetry.

A book of Ballads, edited by Wilhelm Wagner (Cambridge University Press).

CLASSICAL ARMENIAN.

Elishe's History of the War of the Vardanians, Parts I and II.
Elishe Vardapiet Doorian's "Course of Classical Armenian," Part I (Prose and Verse).

HEBREW.

Genesis	...	...	1—14.
Isaiah	...	...	40—45.
Psalms	...	...	1—10.

Davidson's Hebrew Grammar recommended.

SYRIAC.

Text.

Gospel of St. Mark (Peshitto version), Chapters, V—VII
Gospel of St. John (Peshitto version), Chapters VIII—XV.
St. Ephraem "On Wisdom," I-XX.

Grammar.

T. H. Robinson's Syriac Grammar, Sections I—XX.

BENGALI.

(For female candidates.)

Kasiramdas	Mahabharat (Vanaparba) omitting Nalopakhyan (edited by Dineschandra Sen or Jogendranath Bose).
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Michael Madhusudan Datta	...	Meghnadbadh, Canto IV (Sita O Sarama) with introduction by Dinanath Sanyal.
Hemchandra Banerjee	...	Bharat Bhiksha; Michaeler Swargarohan.
Bimala Dasgupta	...	Uttara Ramacharita.
Pramathalal Sen	...	Adarsa Sahitya Sandarbha.
Ramanath Saraswati	...	Aryya Jibani.
Dineschandra Sen	...	Grihasri.
Sasibhushan Sen	...	Premchand Roychand.
Rajendranath Kanjilal	...	Mahabharatiya Nitikatha, Part I.
Akshaykumar Dattagupta	...	Sandarbha Chandrika.
Nakuleswar Vidyabhushan	...	Bengali Grammar.

ASSAMESE.

*(For female candidates)**Text.*

Satyanath Borah	...	Sarathi,
Padmanath Barua	...	Nitisiksha, Part III.
Durgeswar Sarma	...	Anjali,

Grammar.

Any one of the following—

Loknath Sarma	...	Assamiya Byakaran.
Hemnath Baruya	...	Assamiya Byakaran.

KHASI.

*(For female candidates.)**Text.*

Ka Jingiathukhana Puriskan (Khasi Folk Tales), by U. Rabon Singh.
Book of Proverbs in Khasi (p. 740 of Khasi Bible).

Grammar.

Hints on Study of Khasi Language, By U. Nissor Singh.

BURMESE.

(For female candidates.)

Mahazanakka and Werhandaya. (To be read as models of Burmese style.
Questions will not be asked on subject matter.) The examination will include—

Translation from English into Burmese.
Questions on Composition.
An Essay (headings being given)

HINDI.

(For female candidates.)

Samjilal Sarma	...	Balaramayana.
Tulsides	...	Ramayana, Sundara Kanda.

URIYA.

(For female candidates.)

Mirtyunjay Kavyatirtha	...	Prabandhapatha.
Madhusudhan Rao	...	Prabandhamala.

URDU.

(For female candidates.)

Aina-i-Ibrat, Part I, by Suhrawardy Begum.

Mirat-ul-Urus, by Nazir Ahmed, from pages 23 to 54 (Newal Kishore's edition).

Kitab Panchwin Hissa 'Nazm (published by Anjuman-i-Hemait-t] Islam, Lahore).

HISTORY.

History of India.

The following books on Indian History are recommended to indicate the standard of knowledge required :—

Adharchandra Mookherjee	..	A short History of the Indian people (revised edition, 1910).
R. C. Dutt	...	A Brief History of Ancient and Modern India brought up to date by J. N. Gupta, M.A., I C.S.
Vincent A. Smith	...	The students' History of India.
Kaliprasanna Bandyopadhyay	...	Bharatbarsher Itihas (History of India in Bengali).
Nrisinhachandra Mukhopadhyay	...	Matriculation History of India in Bengali
Rajanikanta Gupta	...	Bharatbarsher Itihas (History of India in Bengali).

Yogindrachandra Chatterjee Indian Mirror.

Administration and Progress of India under British Rule.

N. N. Ghosh	...	England's Work in India, revised edition, 1915.
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GEOGRAPHY.

The following books are recommended as indicating the methods of study as well as the standard of knowledge required :—

E. Marsden	...	Geography for Senior Classes, Parts I and II.
The World with fuller treatment of India (Longmans' Geographical Series for India, Book II).		
F. D. Unstead	...	The Practical Geography, Parts I and II.

The following books are recommended for the use of teachers—

Blanford	...	The Rudiments of Physical Geography for the use of Indian Schools.
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Frew	...	A Regional Geography of the Indian Empire (Blackie and Son)
Wallis	...	The Teaching of Geography (Cambridge University Press).
O'Malley	...	Bengal, Bihar and Orissa, Sikkim (Macmillan & Co.).

The following book is recommended for the use of teachers in connection with the teaching of "Sand Modelling" in the lower classes of schools :—

A. E. Frye	...	The Child and Nature
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Every school that intends to undertake instruction in Geography for the Matriculation Examination is required to possess the apparatus mentioned in the following list :—

I—(The total cost need not exceed Rs. 65)—

1. A measuring tape.
2. A magnetic compass.
3. Squared paper and tracing paper.
4. Clay, dry sand, paper pulp for modelling.
5. A globe not less than 14 inches in diameter, with writing surface, and with line of latitude and longitude, and outlines only of the land masses, marked upon it.
6. A map of the school locality on a scale of 4" or 6"=1 mile.
7. A map of the district in which the school is situated on the scale 1"=1 mile.
8. A coloured map of the province.
9. A coloured political map of India.
10. A physical map of India.
11. A relief map of India.
12. A map of the world on Mollweide's equal area projection and a map of Asia,

It is essential that the students should be provided with atlases, or with the necessary hand-maps, and with a drawing instrument box. Maps for school work should not contain too much detail, or be crowded with names.

II. The following additional equipment is recommended when it can be provided, but the lack of it is not to be considered as a bar to the recognition of the school in Geography :—

1. A thermometer.
2. A mercury barometer.
3. A rain gauge.
4. A small collection of typical rocks, in particular those of the province and India.
5. A small museum of typical products.
6. A good standard atlas.
7. Geographical pictures.
8. Magic lantern and slides.

(1) The attention of teachers is requested to the raised maps of Bengal and Eastern Bengal and Assam made of paper pulp, prepared by Babu Kailaschandra Datta, Head Pandit, Habiganj Government Girls' School, Sylhet, and sold for Rs. 7 and Rs. 5, respectively.

(2) Globes of all kinds are made by George Philip and Son, London, W. and A. K. Johnston, London, and Messrs. Rudiman Johnston, London. Small hand Globes of German make can be obtained through the Indian School Supply Depot for about a rupee each.

(3) The "Comparative" series of large wall maps of the continents published by George Philip and Son is good and up to date; so also are the Orographical wall maps published by Edward Strandford. Messrs. Ruddiman Johnston publish a series of smaller wall maps which include maps of India illustrating various distributions.

Messrs. Nelson's wall atlases are good. Mr. S. B. Chatterjee publishes District maps: also ordinary and relief maps of the province.

Babu L. M. Basu, the drawing master of the Dacca Collegiate School, has published good relief maps of Eastern Bengal and Assam and of India.

The Vidal-Lablache French wall maps on strong cardboard, named on one side, and the same map without names on the reverse, published by Armond Colin, Paris, are good and cheap. They measure 46 inches by 39 inches and can be delivered in Calcutta for Rs. 4-14 each.

(4) The hand-maps, coloured to indicate relief, published by the Diagram Company, West Barnes Lane, New Malden, Surrey, at one penny each, are the best of their kind.

The uncoloured half-penny maps, showing river systems and a few towns, published by the same Company, are excellent for class use.

The Autograph hand-maps, with hill shading in brown, published by Messrs. Edward Stanford, London, at one penny each, are very good, and are larger than the Diagram Company's hand maps. The 15-inch map of the world on Mollweide's equal area projection is especially to be commended.

(5) Wall pictures of considerable artistic merit are published by Messrs. Edward Arnold of Leeds, Messrs. Hachette of Paris and Messrs. Holzels of Vienna, and Messrs. Longmans Green and Company. They cost, delivered in India, from two to three rupees each.

Map lantern slides and view slides especially prepared for Geography teaching are sold by the Diagram Company for two or three shillings each. Mr. Bartington Smith of Darjeeling also sells good picture slides of the Himalayas at Rs. 15 per dozen.

ELEMENTARY MECHANICS.

The following books are recommended:—

Sir Philip Magnus	...	Elementary Mechanics (Longmans, 1903).
A. N. Sen	...	Elementary Mechanics.

The following list of apparatus is prescribed as indicating the approximate requirements of a recognised High School seeking to teach Elementary Mechanics for the Matriculation Examination:—

Plumb-line and level.
Simple lever (including brass slotted weights).
Roman steel yard.
Lecture apparatus for experiments on movements.
George's New Atwood's machine.

Stop-watch.
 Glazebrook's apparatus (to demonstrate movement of a body).
 Hick's Ballistic Balance.
 Compound Wheel and Axle.
 4 Single Brass Pulleys.
 2 Single Brass Pulleys.
 2 Triple Brass Pulleys.
 Weston Differential Pulley Blocks ($\frac{1}{4}$ ton).
 16 feet of chain at 6d. per foot.
 Inclined Plane.
 Parallelogram of Forces apparatus.
 Wall Crane.
 Becker's New Physical Balance.
 Set of Gramme Weights (200 grams to 1 mgr.)
 2 Composition-ivory Balls.

[NOTE.—The above list is not exhaustive, and much of it might be replaced by similar forms that could probably be made far more cheaply by any clever mistry under proper supervision. In most cases, however, it will probably be found advantageous to buy such a set as indicated in the list specially for demonstration purposes, and subsequently to develop simplified duplicates, illustrating the same principles, which the boys should be given opportunity actually to experiment with on their own individual account or working in pairs.]

HYGIENE.

(No text-books are prescribed. The subject is to be studied according to the syllabus)

The schools which apply for recognition in Hygiene are expected to provide the following appliances:—

- | | Quantity. |
|---|-----------|
| 1. Human skeleton (articulated) | ... |
| 2. A complete set of human bones (disarticulated). | 1 |
| 3. Charts:— | |
| (a) Circulatory system. | |
| (b) Respiratory system. | |
| (c) Digestive system. | |
| (d) Secretory system. | |
| (e) Nervous system. | |
| 4. Charts showing the different carriers of the most common infective diseases:— | |
| (a) Mosquitoes. | |
| (b) Flies. | |
| (c) Fleas, etc., and their life history. | |
| (d) Common parasites—itches, etc. | |
| 5. Charts showing the life cycles of malarial parasites in man and in the mosquitoes. | |
| 6. Charts showing common intestinal parasites such as round worm, tape worm, thread worm, hook worm, etc. | |
| 7. Charts showing the microbes of common infective diseases:— | |
| Cholera, tuberculosis, plague, diphtheria, influenza, typhoid fever, dysentery, etc., etc. | |

				Quantity:
8.	Magnifying lens	...	...	1
9.	Students' microscope	...	...	1
	Glass Slides	...	...	24
	Cover glasses	...	...	1 gross.
10.	Four-celled Bunsen Battery	...	...	1
11.	Beaker's (glass) assorted with glass covers	...	...	12
12.	Test glasses	...	...	4
13.	Test tubes (6" x 1")	...	...	3 doz.
14.	Bell jars	...	...	2
15.	Bell jars with open top	...	...	1
16.	Glass flasks (assorted)	...	...	6
17.	Measure glass (8 oz.)	...	...	1
18.	Measuring cylinders (500 cc.)	...	...	1
19.	Pipettes (graduated 10 cc.)	...	...	2
20.	Ordinary pipettes	...	...	4
21.	Watch glasses (assorted)	...	...	6
22.	Spirit lamp	...	...	1
23.	Liebig's condenser	...	...	1
24.	Glass stoppered phials (narrow-mouthed)—			
	4 ounces	...	...	6
	8 "	...	...	4
	16 "	...	...	2
25.	Glass stoppered (Wide-mouthed) 8 oz.	...	...	6
26.	Corked phials of different sizes	...	...	2 doz.
27.	Centigrade thermometer (200° C.)	...	...	1
28.	Fahrenheit thermometer (212° F.)	...	...	1
29.	Chemical thermometer (magnified)	...	...	1
30.	Burette (10 cc.) with glass stop cock	...	...	1
31.	Burette (25 cc. with glass stop cock	...	...	1
32.	Wall barometer	...	...	1
33.	Lactometer	...	...	1
34.	Porcelain capsules (with spouts) (for evaporation)	...	...	4
35.	Glass funnels (assorted)	...	...	4
36.	Glass cylinders (non-graduated), 4 oz.	...	...	2
	" " " 8 oz.	...	...	1
	" " " 16 oz.	...	...	1
37.	Cylinders or bottles for collecting gases with ground glass stopper or plates	...	...	6
38.	Woulffe's bottles (16 oz. capacity)	...	...	2
39.	Wash bottles (16 oz. capacity)	...	...	1
40.	Porcelain crucible (with lid)	...	...	1
41.	Porcelain dishes (with dinner plates)	...	...	4
42.	Fire clay triangles	...	...	3
43.	Glass retort (4 oz. capacity) with glass stopper	...	...	2
44.	Aspirator (10 litre capacity)	...	...	1
45.	Calcium chloride tubes	...	...	1
46.	Dessicator	...	...	1
47.	Pneumatic trough (glass or terracotta)	...	...	1
48.	Test tube holder	...	...	2
49.	Test tube stands (Wooden)	...	...	2
50.	Nickelled iron tongs	...	...	2
51.	Iron tripod	...	...	2
52.	Wire gauge, 4" square	...	...	2
53.	Platinum foil, 4" x 4"	...	...	1
54.	Platinum wire (thin)	...	...	1 yard.
55.	Air pump	...	...	1
56.	Pasteur Chamberland or Berkefield filter	...	...	1

	Quantity.
57. Charts showing shallow and deep wells.	
58. Copper flasks (capacity 16 oz.)	
59. Litmus paper Books—	
Blue	6
Red	6
60. Turmeric paper	2 books.
61. Microscope slides showing disease germs.	
62. Deseeding box	1
63. Students' chemical balance with grain and gramme weights.	1
64. Rough scales with ounce weights	1
65. Vaccination lancet	1
66. Glass tubes and rods (assorted), $\frac{1}{2}$ lb. each.	
67. Forceps (nickelled)	2
68. Knife	1
69. Scissors	1
70. Spatula (4" long)	2
71. Porcelain mortar and pestle	1
72. Corks (assorted)	1 gross.
73. Cork Borer	1 set
74. Single copper waterbath (6" diameter with rings of different sizes).	1
75. Deflagrating spoons	2
76. Kerosine stove (Primus)	1
77. Glass chimney	2
78. Mirror	1
79. Filter papers (assorted)	1 packet each.
80. Burette stand with clams	1
81. Filter stand (wooden)	2
82. Blow pipe (mouth)	2
83. Files (triangular) (6")	1
84. " (flat) (8")	1
85. Retort stand with rings	2
86. Indian-rubber tubing ($\frac{1}{4}$ " \times $\frac{1}{8}$ " diameter)	4 yards each.
87. Bunsen Burner	2
88. Cork presser	1
89. Magnet (horse-shoe shaped)	1
90. Pinch cocks	3

FERMENTS.

(a) Rennet	...	...	$\frac{1}{2}$ oz.
(b) Diastase	...	...	$\frac{1}{2}$ "
(c) Yeast	...	...	$\frac{1}{2}$ "
(d) Lactic acid ferment	...	...	$\frac{1}{2}$ "
(e) Pepsin	...	...	2 drams.
(f) Zymine	...	...	2 "

SPECIMENS : (A) FOOD.

- (a) Different kinds of rice.
 (b) Different kinds of *dal* (pulses).

- (c) Different kinds of other cereals—wheat, barley, Indian corn, Indian oats, jwar, etc.
- (d) Different kinds of sugar.
- (e) Different oil-producing substances—linseed, mustard seeds, coconut, groundnut, sorgo, mowa seeds, til, etc.
- (f) Different kinds of starches—rice, wheat flour, barley arrowroot, sati, sago, cassora, etc.

(B) ANTISEPTICS OR DISINFECTANTS.

- (a) Carbolic Acid (pure).
- (b) Crysylic Acid.
- (c) Bleaching Powder.
- (d) Permanganate of Potassium.
- (e) Perchloride of Mercury.
- (f) Sulphur.
- (g) Phenyle, Lysol, etc.
- (h) Charcoal.
- (i) Soap, Common and Carbolic.
- (j) Formalin.
- (k) Red Oxide of Mercury.

(C) MINERALS AND CLAY.

- (a) China Clay
- (b) Common clay of different composition—বেলে, এঁটেল, কঁকুরে ইত্যাদি।
- (c) Sand.
- (d) Gravel.
- (e) Portland Cement.
- (f) Lime-stone.
- (g) Quartz, flint, rocks, etc.

(D) INSECTS.

- (a) Mosquitoes (anopheline and cubex).
- (b) Flies (different varieties common in the country).
- (c) Bugs.
- (d) Intestinal worms (round worm, hook worm).

(E) PRESERVED INTERNAL ORGANS.

Liver, Spleen, Lungs, Heart, Brain, Stomach, Kidneys, etc.

EXERCISE APPLIANCES.

- (a) Dumb-bells (ordinary and grip).
 (b) Indian Clubs.
 (c) Developers.
 (d) Iron balls.

CHEMICALS.

	Quantity.
Acid Acetic	... 1 lb.
Acid Boric (pulv.)	... 1 "
Acid Citric	... 4 oz.
Acid Hydrochloric	... 1 lb.
Acid Nitric	... 1 "
Acid Oxalic	... 4 oz.
Acid Sulphuric	... 1 lb.
Acid Tartaric	... 4 oz.
Sodi Bicarbonate	... 4 "
Sodi Carbonate	... 1 "
Sodi Phosphate	... 1 "
Sodi Hydrate	... 1 lb.
Calcium Oxide (Lime)	... 1 "
Calcium Carbonate (Chalk)	... 1 "
Calcium Chloride	... 1 oz.
Distilled Water	... 4 quart bottles.
Alum	... 2 oz.
Magnesium Sulphate	... 2 "
Manganese Dioxide	... 2 "
Potassium Iodide	... 1 "
Potassium Chromate	... 1 "
Potassium Ferrocyanide	... 1 "
Potassium Chloras	... 4 "
Potassium Bicarb	... 4 "
Potassium Nitrate	... 8 "
Potassium Permanganate	... 1 "
Marble	... 2 lbs.
Liq. Ammonia fort	... 1 lb.
Glycerine	... 4 oz.
Ammonium Chloride	... 1 "
Ammonium Oxalate	... 1 "
Ammonium Carbonate	... 1 "
Barium Nitrate	... 1 "
Ferrous Sulphate	... 1 "
Ferric Chloride	... 1 "
Granulated Zinc	... 4 "
Granulated Tin	... 1 "
Zinc Sulphate	... 1 "
Yellow Phosphorus	... 1 "
Lead Nitrate	... 1 "
Red Oxide of Mercury	... 1 "
Silver Nitrate	... 1 "
Copper Sulphate	... 1 "
Borax	... 1 "

Any other chemicals may be purchased as required.

INTERMEDIATE EXAMINATION IN ARTS, 1923.

ENGLISH.

Poetry.

CALCUTTA UNIVERSITY SELECTIONS.

SHAKESPEARE.

1. The Seven Ages of Man.
2. On Sleep.

MILTON.

1. On His Being Arrived to the Age of 23.
2. On His Blindness.
3. Invocation to Light.

GRAY.

1. Elegy written in a Country Churchyard.
2. Ode on the Pleasure arising from Vicissitude.
3. Ode on the Spring.

GOLDSMITH.

1. England and the English.
2. The Village Preacher.

COWPER.

1. On the Receipt of my Mother's Picture.

WORDSWORTH.

1. Lines written in early Spring.
2. To the Cuckoo.
3. The Solitary Reaper.
4. London, 1802.
5. "The World is too much with us."
6. Extinction of the Venetian Republic.

MOORE

1. Pro Patria Mori.

BYRON.

1. The Isles of Greece.
2. The Ocean.

SHELLEY.

1. The Cloud.

KEATS.

1. "To one who has been long in city pent."
2. Kosciusko.

NEWMAN.

1. "Lead kindly Light."

TENNYSON.

1. A Dream of Fair Women.
2. Ulysses.
3. Ode on the Death of Duke of Wellington.
4. Milton.

DOYLE.

1. The Loss of the Birkenhead.
2. The Red Thread of Honour

BROWNING.

1. Incident of the French Camp.
2. "All Service Ranks the Same with God."

CLOUGH.

1. "Say not the Struggle naught availeth."

LOWELL.

1. The Fatherland.
2. The Heritage.

MATTHEW ARNOLD.

1. Saint Brandan.
2. The Forsaker Merman.

CHRISTINA G. ROSSETTI.

1. Uphill.
2. Passing Away.

ANDREW LANG.

1. Pen and Ink.
2. Scythe Song.
3. Man and the Ascidian.

R. L. STEVENSON.

1. The House Beautiful.
2. Requiem.
3. Keepsake Mill.

DAVIDSON.

1. Piper, Play.
2. The Merchantman.

FRANCIS THOMPSON.

1. To a Snow-flake.
2. "Go, Songs for ended is our brief, sweet play."

STEPHEN PHILLIPS.

1. The Fireman.

RUPERT BROKE.

1. "Blow out, you bugles, over the rich Dead"
2. "There hearts were woven of human joys and cares."
3. "If I should die, think only this of me."

Prose.

CALCUTTA UNIVERSITY SELECTIONS.

H. M. KING GEORGE V.

1. A Panorama of India.

GOLDSMITH.

1. A City Night Piece.

BOSWELL.

1. A Dictionary of English Language.

CARLYLE.

1. On the Choice of Books.

MACAULAY.

1. The Trial of Warren Hastings.

NEWMAN.

1. The Power of Literature.

2. The Character of Gentleman.

THACKERAY.

1. Washington Irving and Lord Macaulay.

TOLSTOY.

1. Where love is there God is also.

PULSFORD.

1. Be Men.

STEVENSON.

1. Yoshida-Torajiro.

CONAN DOYLE.

1. The Lord of Chateau Noir.

FITCHETT.

1. "The Lady with the Lamp".

FROM THE "SPECTATOR."

1. The Secret of the Hills.

FROM THE MODERN ESSAYS.

1. "The Secret of Success."
2. "Living in the Past."

ON THE WAR.

ASQUITH.

1. German Proposals.

LLOYD GEORGE.

1. International Honour.

WOODROW WILSON.

1. What we are fighting for
2. The Flag we follow.

Selections from the Bible (published by the University), Part II

Candidates for the Intermediate Examinations in English are expected to possess only a knowledge and understanding of the prescribed pieces (both prose and poetry); questions will not be set to test their knowledge of the lives works and styles of the authors beyond what is involved in the set pieces themselves.

Candidates will be expected to possess a general knowledge of the contents of the Introduction to the Bible, in so far as it relates to the New Testament.

A paper will be set on Essay, Prosody and Rhetoric and some questions will be set on unseen passages from works, of the same standard of difficulty, as those prescribed for the Matriculation Examination.

VERNACULAR COMPOSITION.

BÈNGALI.

(Books recommended to be read as presenting models of style.)

Saratchandra Sastri	...	Dakshinapatha Bhraman.
Jogendranath Basu	...	Tukaram Charit.
Mozammal Haque	...	Maharshi Mansur.
Ramendrasundar Trivedi	...	Charita Katha.
Saratchandra Vidyaratna	...	Bhishma
Jagadananda Ray	...	Graha Nakshatra.

HINDI.

(Books recommended to be read as presenting models of style.)

Harischandra	...	Charitavali.
Pratapnarynn Misra	...	Sangit Shakuntal.
Gadadhar Singha	...	Kadmbari.
Lala Sitaram	...	Nitibatika,

ASSAMESE.

(Books recommended to be read as presenting models of style.)

Hemchandra Barooah	...	Kathamala.
Satyanath Borah	...	Sarathi.
Rajanikanta Bardolai	...	Manomali
Hemchandra Goswami	...	Assamese Language.
Padmanath Barooah	...	Nitisiksha, Part III.

KHASI.

(Books recommended to be read as presenting models of style.)

Ka Kitab Niam-Khein Ki Khasi (a book on the religious and social systems of the Khasi people), by U. Rabon Singh.

The Book of Job.

The Pilgrim's Progress.

Ka Kitab Jing Phawar, by U. Rabon Singh.

BURMESE.

(Books recommended to be read as presenting models of style.)

Maha-Janaka Jataka Vathu.

Vedura-Jataka Vathu.

Sandakumara Jataka Vathu.

U. Ponya Myttazza.

Mahalankara Vathu.

Thamane Gyaw Loba Vathu.

NEPALI.

(Books recommended to be read as presenting models of style.)

Durga Debi	...	...	"Ansuya Sita Sanbad."
			"Sankshipta Bharata."

URIYA.

(Books recommended to be read as presenting models of style.)

Charupath, Part III, translated by Bichhanda Patnaik.

Ramsankar Ray ... Bibasini.

Sasibhusan Ray ... Dakshinatya Bhraman.

Adiparba of Mahabharata (Anukramanika and Parbasangrahadhyay), translated by Govindachandra Mahapatra.

MARATHI.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

GUZRATHI.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

MAITHILI.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

MODERN TIBETAN.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

TAMIL.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

TELUGU.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

KANARESE.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

MALAYALAM.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

SINHALESE.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

URDU.

(Books recommended to be read as presenting models of style.)

Al Mamnn by Shibli.
 Firdausi Basin.
 Hyat-i-Sa'adi by Hali.
 Musaddas-i-Hali.

BENGALI

(For female candidates.)

Krittibas	... Ramayan, Ajodhya Kanda.
Kasiram Das	... Mahabharat (Nalopakhyan).
Michael Madhusudan Datta.	... Chaturdaspadi Kabitabali, edited by Dinanath Sanyal.
Nabinchandra Sen	... Prabhas.
Rabindranath Tagore	... Geetanjali.

Rajkrishna Banerjee	... Telemachus.
Bhudeb Mookerjee	... Paribarik Prabandha.
Chandranath Basu	... Sabitritattwa (abridged edition).
Gooroo Das Banerjee	... Jnan O Karma.
Sibnath Sastri	... Ramtanu Lahiri.
Isanchandra Ghosh	... Jatak, Vol. I (Nos 1-25 and Introduction).

HINDI.

(For female candidates.)

Harischandra	... Charitavali.
Pratapnarayan Misra	... Sangit Sakuntal.
Lala Sitaram	... Nitibatika.

ASSAMESE.

(For female candidates.)

Mahabharat (Vanaparba), selected pieces published by Sibnath Bhattacharyya
 Nitisiksha, Part III. by Padmanath Barua.
 Sakuntala (translation), by Lambodar Bora.

KHASI.

(For female candidates.)

Prose.

Ka Kitab Niam Khei Ki Khasi (a book on the religion and social system of the Khasi people), by U. Rabon Singh.

Book of Job (in Khāsi, page 620 of Khasi Bible); or Pilgrim's Progress in Khasi.

Verse.

Ka Jingsneng Tymmen, Part I. U. Radhan Singh Berry (sayings of the Ancients).

Ka Jingsneng Tymmen, Part II. U. Radhan Singh Berry (sayings of the Ancients).

URDU.

(For female candidates.)

Taubut-ub-Nasub	... First three fasls.
Musaddas-i-Hali	... Whole.

SECOND LANGUAGES.

SANSKRIT.

Poetry.

Raghuvansa	... Cantos XIII and XIV with Mallinatha's commentary.
Bhattikavyam	... Cantos I and II.

Prose.

University Sanskrit Selections—Mahabharatam, pages 2—10 and 54—60, (edition of 1916).

Dasakumaracharitam, pages 61—80.

GRAMMAR RECOMMENDED.

Elementary Sanskrit Grammar, by Dr. G. Thibaut (published by the University).

Panini Parisishtha Byakarana, by Debendrakumar Vidyaratna (for reference only).

PALI.

Anderson's Pali Reader.

The course also includes a knowledge of Pali Grammar of higher standard than that required at the Matriculation Examination.

GRAMMAR RECOMMENDED.

E. Müller ... Pali Grammar.

or

Satishchandra Vidyabhushan ... Kaccayana.

ARABIC.

University Selections compiled and edited by Dr. E. D. Ross, Ph. D., C.I.E., (the whole).

PERSIAN.

University Selections compiled and edited by Dr. E. D. Ross, Ph. D., C.I.E., omitting pages 1—11 and 62—76.

HEBREW.

Genesis	...	15—37
Isaiah	...	1—16
Psalms	...	40—56
The Book of Ruth.		

SYRIAC.

Paper I—Biblical (Peshitto version)—

The Book of Acts	...	Ch. I—XX.
Psalms	...	Ch. I—XXV.

Paper II—Non-Biblical—

Bar-Hebraeus	...	Nomo-Canon, Ch. VIII. Sec. I—V.
St. Ignatius—		

- (i) Epistle to Polycarp.
- (ii) Epistle to the Ephesians.
- (iii) Epistle to the Romans.

GRAMMAR.

Robinson's Syriac Grammar (whole)

GREEK

Plutarch	...	Pericles
Plato	...	Laches.
Sophocles	...	Antigone

LATIN.

Cicero	...	Pro Murena.
Livy	...	Book I.
Horace	...	Odes, I and II.

FRENCH.

Michaud	...	Histoire de la Première Croisade, edited by A. V. Houghton (Macmillan & Co.).
H. E. Berthon	...	Specimens of Modern French Verse, Part II (Macmillan & Co.).
George Sand	...	La Petite Fadette (Blackie).

GERMAN.

Theodor Fontan		Vor Dem Sturm (Macmillan & Co.).
Schiller	...	Selections from Lyrical Poems, edited by Turner and Morshead (Macmillan & Co.).
Schiller	...	Wilhelm Tell.

The course also includes German Grammar

CLASSICAL ARMENIAN.

Prose.

Moses of Khoren's History of Armenia, Part II

Poetry.

Elishe Vardapiet Doorian's Course of Classical Armenian, Part II.

The course also includes Armenian Grammar, of which a fuller knowledge will be required than at the Matriculation Examination.

HISTORY.

Paper I—History of England.

G. T. Warner and C. H. K.		
Martin	...	The Groundwork of British History.
Gardiner	...	Students' History of England.

Paper II—Greece and Rome.

Bury	...	History of Greece for Beginners. (<i>N. B.</i>)— This Book comes down only to 322 B. C.
Smith	...	Smaller History of Greece, revised by Marindin.
Smith	...	Smaller History of Rome, revised by Greenidge.
Merivale and Puller	...	School History of Rome (only the portion from Actium to the end).
A. J. Grant	...	A History of Europe, pp. 131—210.

LOGIC.

The subject of logic is to be studied as defined by the Syllabus. Students are recommended to use one or more of the following books, or select portions thereof, with special reference to the course laid down in the Syllabus :—

Carveth Read	...	Logic, Deductive and Inductive.
Bain	...	Logic Deductive and Inductive.
Mitra, A. C.	...	Principles of Logic, Deductive and Inductive
P. K. Ray.	...	Deductive and Inductive Logic.
Prakashchandra Sinha	...	Tarka-Vijnan.
R. R. Thomas	...	Students' Logic (Deductive).

Preparatory Reading—Students are advised to read—

Creighton	...	Introductory Logic, Parts I and II.
Jevons	...	Elementary Lessons in Logic.

before joining the regular class.

The following books are recommended for the guidance of teachers and for advanced reading :—

Hamilton	...	Lectures on Logic.
Mill	...	System of Logic.
Jevons	...	Principles of Science
Joseph	...	Logic.
Bosanquet	...	Logic.
Sigwart	...	Logic.
Ueberweg	...	System of Logic and History of Logical Doctrines.
Venn	...	...
Keynes	...	...
Westaway	...	...
Welton	...	...
Encyclopædia of the Philosophical Sciences	...	...
Lotze	...	...
Croce	...	...
Hobhouse	...	...

MATHEMATICS.

No text-books are prescribed. The subject is to be taught in accordance with the syllabus prescribed in the Regulations.

The following books are recommended :—

Ashutosh Mukhopadhyaya	...	Geometry of Conics.
Jessop and Havelock	...	Elementary Mechanics.
D. N. Mallik	...	Elementary Dynamics.
Loney	...	Elements of Statics and Dynamics.
Turner and Bose	...	Intermediate Mechanics.

GEOGRAPHY.

The following books are recommended to be used by the students in studying the subject in accordance with the syllabus prescribed in the Regulations :—

A. J. Herbertson	...	The Oxford Geographies, Vol. III.
H. R. Mill	...	The Realm of Nature
		or
Tarr	...	Physical Geography.
Simons and Richardson	..	Introduction to Practical Geography.
W. A. Elderton	...	Maps and Map-drawing.
Fanthorpe	...	Physical Atlas and Map-drawing.
Blandford	...	Rudiments of Physical Geography for the use of Indian Schools.
Bartholomew (with introduction by Lyde).	Economical Atlas (Oxford University Press).	

CHEMISTRY.

Perkin and Lean	...	Introduction to the Study of Chemistry.
P. C. Ray	...	Elementary Inorganic Chemistry.
P. C. Ray	...	Practical Inorganic Chemistry.
Haridas Saha and Kumudnath Chaudhuri.	A Course of Practical Chemistry for Intermediate Students.	
D. N. Mookerjee	...	Elements of Inorganic Chemistry.
Donnington	...	A Class book of Chemistry (Parts I-IV), Macmillan & Co.

PHYSICS.

Aldous	...	Elementary Course of Physics.
Rajanikanta De	...	Introduction to the Study of Sound.
Glazebrooke	...	Heat.
Glazebrooke	...	Light.
Hadley	...	Elementary Electricity and Magnetism.
Watson	...	Elementary Practical Physics.

PHYSIOLOGY.

Hill	...	Manual of Human Physiology.
Huxley	...	Lessons in Elementary Physiology (latest edition).

BOTANY.

K. Ranga Achari	...	Manual of Elementary Botany for India.
Bailey, L. H.	...	Botany, an Elementary Text for Schools (New York, 1901).
Darwin, F.	...	Elements of Botany (Cambridge, latest edition).
Fyson, P. F.	...	A Botany for India.
Woodhead	...	The Study of Plants.

Candidates, who take up Botany, will be required to possess a special knowledge of the following Natural Orders of Plants:—

- | | |
|---------------------|--------------------|
| (1) Cruciferae. | (7) Solabaceae. |
| (2) Malvaceae. | (8) Acanthaceae. |
| (3) Leguminosae. | (9) Euphorbiaceae. |
| (4) Cucurbitaceae. | (10) Liliaceae. |
| (5) Asclepiadaceae. | (11) Scitamineae. |
| (6) Compositae. | (12) Graminaceae. |

At the Intermediate Examinations in Arts and Science, a study of the outline of the life history of the following "Selected Plants" is required to illustrate the gradual ascent in complexity of structure and reproductive cycle from the lowest fungi and algae to the phanerogams:—

- | | |
|-----------------------|---------------------|
| 1. Yeast. | 6. Selaginella. |
| 2. Mucor or Euroteum. | 7. A Conifer. |
| 3. Spirogyra. | 8. A Monocotyledon. |
| 4. A Moss. | 9. A Dicotyledon. |
| 5. A Fern. | |

ZOOLOGY.

- | | |
|-------------------|--|
| J. Arthus Thomson | ... Outlines of Zoology (such portions as are required by the Syllabus). |
| R. E. Lloyd | ... Introduction to Biology for students in India. |
| Marshall | ... The Frog. |

GEOLOGY.

No text-books are prescribed or recommended. The subject is to be studied with the help of the Syllabus prescribed in the Regulations.

INTERMEDIATE EXAMINATION IN SCIENCE, 1923.

ENGLISH.

Same as for the Intermediate Examination in Arts.

BENGALI.

(Books recommended to be read as presenting models of style.)

- | | |
|--------------------------|-----------------------|
| Kaliprasanna Ghosh | ... Nibhrta Chinta. |
| Sasibhusan Sen | ... Karmakshetra. |
| Haranchandra Rakshit | ... Sahityāsadhana. |
| Abdul Jabbar | ... Debi Rabia. |
| Bankimchandra Chatterjee | ... Kapalakundala. |
| Jogeschandra Ray | ... Kshudra O Brihat. |

HINDI.

(Books recommended to be read as presenting models of style.)

Same as for the Intermediate Examination in Arts.

ASSAMESE.

(Books recommended to be read as presenting models of style.)

Same as for the Intermediate Examination in Arts.

KHASI.

(Books recommended to be read as presenting models of style.)

Same as for the Intermediate Examination in Arts.

BURMESE.

(Books recommended to be read as presenting models of style.)

Same as for the Intermediate Examination in Arts.

URIYA.

(Books recommended to be read as presenting models of style.)

Same as for the Intermediate Examination in Arts.

NEPALI.

(Books recommended to be read as presenting models of style.)

Same as for the Intermediate Examination in Arts.

URDU.

(Books recommended to be read as presenting models of style.)

Same as for the Intermediate Examination in Arts.

**MARATHI, GUJRATHI, MAITHILI, MODERN TIBETAN, TAMIL,
TELUGU, KANARESE, MALAYALAM, SINHALESE.**

(Books recommended to be read as presenting models of style. To be notified hereafter.)

(Same as for the Intermediate Examination in Arts.)

MATHEMATICS.

Same as for the Intermediate Examination in Arts.

GEOGRAPHY.

Same as for the Intermediate Examination in Arts.

PHYSICS.

Same as for the Intermediate Examination in Arts.

CHEMISTRY.

Same as for the Intermediate Examination in Arts.

PHYSIOLOGY.

Same as for the Intermediate Examination in Arts.

BOTANY.

Same as for the Intermediate Examination in Arts.

ZOOLOGY.

Same as for the Intermediate Examination in Arts.

GEOLOGY.

Same as for the Intermediate Examination in Arts.

B. A. EXAMINATION, 1923.

ENGLISH.

Pass Course.

Shakespeare	...	{ Comedy of Errors (text as in the edition by Prof. J. C. Scrimgeour, (Calcutta University Press). Othello.
Palgrave	...	
Burke	...	Golden Treasury of Songs and Lyrics, Book IV. (Oxford University Press). Speech on American Taxation.

Modern Thought (published by the University).

Selections from the Bible (published by the University), Part IV.

pp. 38-71, 90-104 and 121-134.

Candidates will be expected to possess a general knowledge of the contents of the introduction to the Bible, in so far as it relates to the New Testament.

(Honours Course).

(In addition to the books prescribed for the Pass Course.)

Shakespeare	...	Richard III.
Matthew Arnold	...	Merope.
Sophocles	...	Electra (Tr. Whitelaw), Edited by J. C. Collins (Oxford University Press).
Palgrave	...	Golden Treasury of Songs and Lyrics— Additional Poems (Tennyson, Matthew Arnold, Swinburne, E. B. Browning and Robert Browning only) (Oxford University Press).
DeQuincey	...	The English Mail Coach.
Materlinck	...	Buried Temple (essays on Mystery of Justice, Fate and Luck).

The following books are recommended for the study of the Philology of the English Language and the History of English Literature:—

Trench	...	Study of Words (edited by Mayhew).
Bradley	...	Making of English.
Long	...	English Literature (Ginn & Co.)

The following books are prescribed for candidates who take up the alternative paper in English :—

Matthew Arnold	...	Essays in Criticism, Second Series (Essays I-VII only).
Ruskin	...	Sesame and Lilies (Three Lectures).

VERNACULAR COMPOSITION.

BENGALI.

(Books recommended to be read as presenting ideals of character and models of style.)

Rabindranath Tagore	...	Prachin Sahitya.
Chandicharan Banerjee	...	Life of Vidyasaga
Rajendranath Vidyabhushan.	...	Srikantha.

HINDI.

(Books recommended to be read as presenting ideals of character and models of style.)

Harischandra	...	Satya Harischandra.
Lakshman Sinha	...	Sakuntala.
Mayasankar Dube	...	Swapna Vasabdatta.

ASSAMESE.

(Books recommended to be read as presenting ideals of character and models of style.)

Gunabhiram Barooah	...	Life of Anandaram Dhekeil Phukan.
Lambodar Borah	...	Sakuntala.
Lakshinath Bezbaruya	...	Padamkumari.

BURMESE.

(Books recommended to be read as presenting ideals of character and models of style.)

Buridat Zat, Narada Zat	...	Zinatthapakathani.
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NEPALI.

(Books recommended to be read as presenting ideals of character and models of style.)

Harihar Acharyya	...	{ Sakuntalopakhyan. Bidulaputra Sambad.
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URIYA.

(Books recommended to be read as presenting ideals of character and models of style.)

Radhanath Ray	...	Mahajatra, Cantos I—IV.
Raghuvansa; translated by Bichhanda Patnaik.		

URDU.

(Books recommended to be read as presenting ideals of character and models of style.)

Nairang-i-Khayal by Azad.

Ibn-ul-Waqt by Nazir Ahmad.

Selections from Urdu by Jalaluddin Ahmad Ja'fari.

MARATHI.

(Books recommended to be read as presenting ideals of character and models of style.)

(To be notified hereafter.)

GUJRATHI.

(Books recommended to be read as presenting ideals of character and models of style.)

(To be notified hereafter.)

MAITHILI.

(Books recommended to be read as presenting ideals of character and models of style.)

(To be notified hereafter.)

MODERN TIBETAN.

(Books recommended to be read as presenting ideals of character and models of style.)

(To be notified hereafter.)

KHASI.

(Books recommended to be read as presenting ideals of character and models of style.)

(To be notified hereafter.)

TAMIL.

(Books recommended to be read as presenting ideals of character and models of style.)

(To be notified hereafter.)

TELUGU.

(Books recommended to be read as presenting ideals of character and models of style.)

(To be notified hereafter.)

KANARESE.

(Books recommended to be read as presenting ideals of character and models of style.)

(To be notified hereafter.)

MALAYALAM.

(Books recommended to be read as presenting ideals of character and models of style.)

(To be notified hereafter.)

SINHALESE.

(Books recommended to be read as presenting ideals of character and models of style.)

(To be notified hereafter.)

SANSKRIT.

(Pass Course.)

Paper I.

- | | |
|--------------|--|
| Manusamhita | ... Chapters I and II, with Kulluka's commentary. |
| Sisupalbadha | ... Cantos I and II, with Mallinatha's commentary. |

Paper II.

Abhijnanasakuntalam.
Ratnavali.

Paper III.

- | | |
|---|---|
| Macdonell | ... History of Sanskrit Literature (omitting Chapters II-IX). |
| Panini Primer by Devendrakumar Vidyaratna | (for reference only.) |

(Honours Course.)

(In addition to the books prescribed for the Pass Course.)

Paper IV.

- | | |
|--------------|----------------------------------|
| Bhattikavyam | ... Cantos XII and XIII. |
| Kadambari | ... Pages 1-24 (Bombay edition). |

Paper V.

Vedic Reader for Students—by Macdonell—Pages 1-92, 134-141 together with the commentary of Sayana thereon.

Students are recommended to consult Macdonell's Vedic Grammar for students.

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|-------|---|
| Weber | ... History of Sanskrit Literature (Tran. Mann and Zachariae, Pages 1-171). |
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Paper VI.

Siddhanta Kaumudi—Karka and Samasa.
Dandi—Kavyadarsa.
Sahitya Darpan, Chapter VI.

PALI.

*(Pass Course.)**Poetry.*

Dhammapada ... Khuddakapatha.

Prose.

Milinda-panha (Trenckner's edition). Pages 1-126.

Dhammapada-Attha-Katha, (Edited by Mr. Norman in the P. T. S.) Vol. I.

Grammar.

Rupasaddhi (Rangoon or Colombo edition).
Keilhorn's Sanskrit Grammar.

Comparative Philology.

Syce ... Principles of Comparative Philology
(omitting the appendices).
Satischandra Vidyabhushana ... Grimm's Law.

(Honours Course.)

(In addition to the books prescribed for the Pass Course.)

Mahavamsa ... Chapters 1-5.
Dighanikaya ... Mahagovinda Sutta, Mahaparinirvana Sutta.
Rhys Davids ... Buddhist India.

ARABIC.

(Pass Course.)

Selections in Arabic compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirza Ashraf Ali and prescribed for the B. A. Pass Examination in 1910-11, Parts I and II, omitting pages 21-33 of the Poetry Selections.

Grammar.

Arabic Grammar according to Modern Method, to be published by the University.

(Honours Course.)

In addition to the books prescribed for the Pass Course.

University Selections compiled and edited by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Abu Nasr Muhammad Waheed, M.A., omitting pages 85-94.

The Honours Course in Arabic also includes the elements of Arabic Prosody and Rhetoric: the Outlines of Mahomedan History down to the fall of the Abbasid Caliphate; and a general knowledge of the History of Arabic Literature.

PERSIAN.

(Pass Course)

Persian Selections compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirzā Ashraf Ali, omitting the following portion:—Arabic Selections, pages 1-51.

The Pass Course includes the elements of Persian Prosody and Rhetoric

(Honours Course.)

(In addition to the pieces selected for the Pass Course.)

The Honours Persian Course compiled by Lieutenant-Colonel D. C. Phillot, I.A., omitting pages 38-64, 76-91, and 167-203.

The Honours Course includes the Outlines of Mahomedan History in so far as it relates to Persia, Central Asia and India, and the History of Persian Literature.

CLASSICAL ARMENIAN.

*(Pass Course.)**Poetry.*

Bagratoonie's translation of Paradise Lost. Books IX, X, XI and XII.

Prose.

Agathangalo's History, Parts I and III.

Moses of Khoren's History.

The course includes the History of Armenia.

(Honours Course)

(In addition to the books prescribed for the Pass Course.)

Poetry.

Bagratoonie's Haik Dientsazn, Books I, II, III, IV and V.

Prose.

John Catholicas

... Elishe.

The course includes the History of Armenian Literature and the Elements of Armenian Philology.

GREEK.

(Pass Course.)

Homer

... Iliad, Book XXII.

Aeschylus

... Prometheus Vinctus.

Plato

... Crito, and Phaedo, Chapters 57-67 (Macmillan).

• Demosthenes

... De Corona.

(Honours Course.)

(In addition to the books prescribed for the Pass Course.)

Aristophanes	... Frogs.
Thucydides	... Book I.
Herodotus	... Book I, Chapters, 1-94.

PERMANENT SUBJECTS.

The following books may be consulted :—

Philology of the Greek Language—

Giles ... Comparative Philology.

History of Classical Greek Literature—

Murray ... Greek Literature.

LATIN.

(Pass Course.)

Cicero	... Second Philippic.
Livy	... Book II.
Virgil	... Æneid, Books VIII and IX.
Horace	... Epistles, Book I.

(Honours Course.)

(In addition to the books prescribed for the Pass Course.)

Lucretius	... Book I.
Tacitus	... Historiæ Book I.
Pliny	... Selected Letters, Books I and II (Macmillan).

Catullus' Poems, edited by F. P. Simpson (Macmillan & Co.).

PERMANENT SUBJECTS.

The following books may be consulted :—

Philology of the Latin Language—

Lindsay	... Historical Latin Grammar.
History of Latin Literature to the end of the Augustan Period.	
Mackail	... Latin Literature.

FRENCH.

(Pass Course.)

Lamartine	... Le Tâilleur de Pierres de saint-point (Macmillan).
Thierry	... Letters sur L'Histoire de France, edited by Masson and Prothero
Berthon	... Specimens of Modern French Verse, Part I.
Victor Hugo	... Hernani.

The course also includes French Grammar and the outlines of French History.

*(Honours Course.)**(In addition to the books prescribed for the Pass Course.)*

Corneille	...	Cinna.
Molière	...	L'Avare (Blackie).
Michelet	...	Louis XI et Charles Le Te me raire edited by E. Renault (Clarendon Press).

The course also includes French Grammar and the outlines of French History and also the elements of French Philology and the history of a selected period of French Literature.

Grammar recommended—

V. de Vivas	...	Grammaire des Grammaires.
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Text-books in French Philology recommended—

Darmesteter	...	Historical French Grammar.
Brachet	...	Grammaire Historique de la Langue Francaise.

The period of French Literature selected for 1923 is the Seventeenth Century.

GERMAN

(Pass Course.)

Heinrich Von Kleist	...	Michael Kohlhaas.
Schiller	...	Die Piccolomini and Wallenstein's Tod.
Schiller	...	Geschichte des Dreissigjährigen Kriegs, Book III (Pitt-Press).

The course includes, in addition to the prescribed Texts, Grammar and the outlines of German History.

*(Honours Course.)**(In addition to the books prescribed for the Pass Course.)*

Goethe	...	Iphigenie auf Tauris.
Lessing	...	Nathan der Weise.
Paul Heyse	...	Kinder der Welt.

The course includes, in addition to the prescribed Texts, Grammar and the outlines of German History, and also the elements of German Philology and the History of a selected period of German Literature

Grammar recommended—

J. Wright	...	Historical German Grammar.
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(The period selected for 1923 is 1750—1882.)

HEBREW.

(Pass Course.)

Judges and I Samuel.

Psalms	...	...	...	72-112.
Proverbs	...	...	...	1-20

*(Honours Course.)**(In addition to the books prescribed for the Pass Course.)*

Two of the minor prophets, viz., Amos and Hosea.

N.B.—Dr. Ginsburg's edition for British and Foreign Bible Association recommended.

SYRIAC

*(Pass Course.)**Paper I.*

The book of Leviticus (the Peshitto Version.)

The Epistle to the Hebrews (the Peshitto Version.)

Paper II.

Mar Ephrem... .. The Epistle to Montanos (Opera selecta Overbek).

The Liturgy of S. James.

The book of the Dead.

Paper III.

Wright History of Syriac Literature.

Recommended—

Naldeke Compendious Syriac Grammar.

*(Honours Course.)**(In addition to the books recommended for the Pass Course)**Paper IV.*

Philexinos of Mabbogh ... Discourses on Poverty (Royal Society of Literature).

Chronicles of Bar-Hebraeus (Bernstein's Chrestomathie).

*Paper V.*Select Narratives of
Holy Women

... Eugenia (Studia Sinaitica, No. IV).

Eusebius ...

... Ecclesiastical History, Books I-III
(Wright and McLean).*Paper VI.*

A. Fortescue

... The Orthodox Eastern church.

A. Fortescue

... The Lesser Eastern Churches.

HISTORY.

*(Pass Course.)**Paper I.*

Thatcher & Schwill

... Modern Europe (The Modern Period).

Lord Action ..

... Lectures on Modern History.^{1†}

A. J. Grant ...

... A History of Europe, Part III

Paper II.

Period—The Age of Elizabeth—

- (i) Green's History of the English People, Book VI, Chapters III—VII.
- (ii) The Age of Elizabeth, by Creighton (Epochs of Modern History Series).
- (iii) Elizabeth (Twelve English Statesmen Series) by Beesly.
- (iv) J. R. Seeley—Growth of the British Policy. (The portions relating to an Elizabeth Age.)

Paper III.

- | | | |
|---------------|-----|--|
| Vincent Smith | ... | Oxford History of India, omitting Chapter. 3, Book IX. |
| Havell | ... | The History of Aryan Rule in India. |

Honours Course

(In addition to the books prescribed for the Pass Course.)

Paper I.

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|-----------|-----|------------------------------------|
| Hazen | ... | Modern European History. |
| Hearnshaw | ... | Main Currents of European History. |

Paper II.

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|---------------------------|-----|------------------------|
| Cambridge Modern History. | ... | Volume III, Chapter 2. |
|---------------------------|-----|------------------------|

Paper III.

- | | | |
|------------|-----|----------------------|
| Bhandarkar | ... | Carmichael Lectures. |
|------------|-----|----------------------|

Paper IV.

Period from 479–404 B. C.—

- | | | |
|-------|-----|--------------------|
| Bury | ... | History of Greece. |
| Grote | ... | History of Greece. |

Paper V.

Period from 164–146 B. C.—

- | | | |
|-----------|-----|--|
| Shuckburg | ... | History of Rome. |
| Mommsen | ... | History of Rome, translated by Dickson |

Paper VI.

- | | | |
|--------|-----|--------------------------------|
| Hallam | ... | Europe during the Middle Ages. |
| Myers | ... | History of Middle Ages. |

ECONOMICS AND POLITICAL PHILOSOPHY.

*(Pass Course.)**Paper I.*

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|----------|-----|----------------------------------|
| Seligman | ... | Elements of Political Economics. |
| Marshall | ... | Economics of Industry. |

Paper II.

Woodrow Wilson ... *The State* (Edited 1919, Chapters I-V, XXI, XXII and the constitutions of England, France, United States and Germany).

Report on Indian Constitutional Reforms (1918), Chapters II-V.

Paper III.

Dr. P. Banerjee ... *Study of Indian Economics.*
 Mr. P. Mookerjee ... *Co-operative Movement in India, Land Revenue Administration* (Calcutta University Publication).
 Dr. Radhakamal Mookerjee ... *Foundations of Indian Economics* (Omitting Chapters I-III, VIII, X, XI, XIII-XIV, XVI-XIX of Book II).

*(Honours Course.)**Paper I.*

(In addition to the books prescribed for the Pass Course).

Withers ... *Meaning of Money.*

Paper II.

(In addition to the books prescribed for the Pass Course.)

J. S. Mackenzie ... *Outlines of Social Philosophy.*

Paper III.

(In addition to the books prescribed for the Pass Course.)

V. G. Kale ... *Indian Economics.*
 Mr. G. Findlay Shirras ... *Indian Finance and Banking.*

Paper IV.

Taussig ... *Principles of Economics.*
 Marshall ... *Economics of Industry.*

Paper V.

Aristotle ... *Politics.*
 Hobbes ... *Leviathan.*

*Paper VI.**Essays.*

The following books are recommended for the guidance of teachers :—

Mill	...	<i>Political Economy.</i>
Nicholson	...	<i>Principles of Political Economy.</i>
Sidgwick	...	<i>Development of European Polity.</i>
Marshall	...	<i>Principles of Economics.</i>
Green	...	<i>Principles of Political Obligation.</i>
Pollock	...	<i>Introduction to the History of the Science of Politics.</i>

- Ranade ... Essays on Indian Economics
 Moreland ... Introduction to Economics for Indian Students.
 Baden-Powell ... Land Systems of British India, 3 vols.
 Illbert ... Mechanism of Law Making.
 Das Gupta ... India in the Seventeenth Century.
 Loveday ... Famines in India.
- Fifth Report of the Select Committee of the House of Commons, 1812
 (Extracts and Documents published by the Calcutta University).
- Field ... Introduction to Bengal Regulations.
 R. C. Dutt ... Indian in the Victorian Age.
 R. C. Dutt ... The Economic History of India under early British Rule.
 R. C. Dutt ... Famines in India.
 Bryce ... American Commonwealth (Revised edition).
 Strachey ... India.
 A. Lawrence Lowell ... Governments and Parties in Continental Europe (2 vols.) (Longmans, Green and Co.)
 J. A. R. Marriott ... English Political Institutions.
 Palgrave ... Dictionary of Political Economy.
 Barker ... Political Thoughts of Plato and Aristotle.
 Wolff ... Co-operation in Agriculture.
 Nicholson ... Report on Agricultural Banks.
- Review of Trade of India, 1913-14.
 Currency Commission's Report, 1893
 Currency Committee's Report, 1898.
 Report of the Royal Commission on Currency and Finance, 1914.
 Fifth Decennial Report on Moral and Material Progress, 1913.
 Report of the Irrigation Commission, 1903.
 Reports of the Famine Commission, 1896 and 1901.
- Keatinge ... Rural Economy in the Bombay Deccan.
 Temperley ... Senates and Upper Chambers
 Robertson ... Report on Railway Administration.
 Williams ... The Economics of Railway Transport.
 Report of the Indian Industrial Commission.
 C. J. Hamilton ... Trade Relations between England and India.
 Radhakamal Mukerjee ... Foundations of Indian Economics.
 Lewis Campbell ... Plato's Republic.
 Crum Robertson ... Hobbes.
 J. C. Jack ... The Economic Life of a Bengal District.
 J. Q. Dealy ... Development of the State
 F. D. Ascoli ... Early Revenue Administration in Bengal.
 Review of Trade of India, 1914-15 to 1918-19.
 R. B. Ewbank ... Indian Co-operative Studies.

MENTAL AND MORAL PHILOSOPHY.

The following books are recommended to be used in studying the subject of Mental and Moral Philosophy as defined by the Syllabus :—

PSYCHOLOGY.

(Pass and Honours)

- Hofding ... Outlines of Psychology
 Wundt ... Human and Animal Psychology.

Stout	...	Manual of Psychology.
James	...	Text-Book of Psychology.
Stephen	...	Elements of Analytical Psychology. (Third Edition.)
Sully	...	Outlines of Psychology.
Mitra, A. C.	...	Elements of Psychology (2 Vols.).
Angell	...	Psychology.

Preparatory Reading : Students are advised to read—

Titchener	...	Primer of Psychology.
Saratchandra Brahmachari	...	Vyavaharik Manobijnan (Practical Psychology).
McDougall	...	Psychology (Home University Library).

before joining the regular class.

ETHICS.

(*Pass and Honours.*)

Seth	...	Study of Ethical Principles
Martineau	...	Types of Ethical Theory.
Mackenzie	...	Manual of Ethics.
Mitra, A. C.	...	Elements of Morals.

Preparatory Reading : Students are advised to read—

Muirhead	...	Elements of Ethics.
Mohitchandra Sen	...	Elements of Moral Philosophy.

before joining the regular class.

GENERAL PHILOSOPHY.

(*Pass and Honours.*)

Lossky	...	Intuitive Basis of Knowledge.
Marvin	...	Introduction to Philosophy.
Paulsen	...	Ditto.
Watson	...	An outline of Philosophy.
Westaway	...	Science and Theology (omitting Chapters IV, V, VII and XII).

Preparatory Reading : Students are advised to read—

Croom Robertson	...	Elements of General Philosophy.
Stephen	...	Problems of Metaphysics.
P. B. Chatterjee	...	Outlines of General Philosophy.

before joining the regular class.

NATURAL THEOLOGY.

(*Honours.*)

Martineau	...	Study of Religion.
Flint	...	Antitheistic Theories.
Fraser	...	Philosophy of Theism.
Pringle Pattison	...	Idea of God.

Preparatory Reading : Students are advised to read—

Rogers	...	Religious Conception of the World.
Armstrong	...	God and the Soul.

before joining the regular class.

HISTORY OF PHILOSOPHY.

(Honours.)

The following books are recommended : —

Weber	... History of Philosophy.
Falckenberg	... History of Modern Philosophy.
Thilly	... History of Philosophy (Bell and Sons).

Preparatory Reading—

Schwegler	... History of Philosophy.
Rogers	... Ditto.

SPECIAL TEXT.

(Honours.)

Rand	... Modern Classical Philosophers (Selections from Bacon, Descartes, Spinoza, Locke, Berkeley, Hume and Kant),
Green	... Prolegomena to Ethics, Book I.

MATHEMATICS.

Same as for the B. Sc. Examination.

PHYSICS.

Same as for the B. Sc. Examination.

CHEMISTRY.

Same as for the B. Sc. Examination.

PHYSIOLOGY.

Same as for the B. Sc. Examination.

BOTANY.

Same as for the B. Sc. Examination.

ZOOLOGY.

Same as for the B. Sc. Examination.

B. SC. EXAMINATION, 1923.

MATHEMATICS.

(Pass Course).

The following books are recommended —

1. Higher Plane Trigonometry—

Todhunter	... Plane Trigonometry, edited by Hogg.
Loney	... Plane Trigonometry,

2. **Plane Analytical Geometry—**

C. Smith	...	Elementary Treatise on Conic Sections.
Loney	...	Elements of Co-ordinate Geometry.
3. **Differential Calculus—**

Edwards	...	Differential Calculus for Beginners.
Ganesh Prasad	...	Differential Calculus.
Taylor	...	Differential and Integral Calculus and Differential Equations.
4. **Integral Calculus and Differential Equations—**

Edwards	...	Integral Calculus for Beginners.
Ganesh Prasad	...	Integral Calculus.
Taylor	...	The Differential and Integral Calculus and Differential Equations.
5. **Hydrostatics—**

Besant	...	Elementary Hydrostatics.
Loney	...	Elements of Hydrostatics.
6. **Astronomy—**

Parker	...	Elements of Astronomy.
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(Students are recommended to use 'Stars in the Northern Tropics' by T. Bhattacharyya.)

(Honours Course.)

1. **Higher Algebra—**

Hall and Knight	...	Higher Algebra.
C. Smith	...	A Treatise on Algebra.
Davidson	...	Higher Algebra.
Briggs and Bryan	...	Tutorial Algebra (Advanced Courses).
2. **Elementary Theory of Equations—**

Cajori	...	Introduction to Theory of Equations, Chapters I—VII.
Dickson	...	Elementary Theory of Equations.
3. **Higher Plane Trigonometry—**

Todhunter	..	Plane Trigonometry, edited by Hogg.
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4. **Plane Analytical Geometry—**

C. Smith	...	Elementary Treatise on Conic Sections.
Salmon	...	Conic Section.
Askwith	...	Plane Co-ordinate Geometry.
Jones	...	Algebraical Geometry.
5. **Elementary Solid Geometry—**

C. Smith	...	Elementary Treatise on Solid Geometry.
Bell	...	Analytical Geometry of three Dimensions.
6. **Elementary Principles of Vectors—**

Kelland and Tait	...	Introduction to Quaternions, 3rd, edition, edited by Knott.
Henrici and Turner	...	Vector and Rotors.
Coffin	...	Vector Analysis,

7. Differential Calculus—

Edwards	... Differential Calculus.
Williamson	... Differential Calculus.
Carey	... Infinitesimal Calculus, Sections I and II.

8. Integral Calculus and Differential Equations—

Williamson	... Integral Calculus.
Murray	... Introductory Course in Differential Equations.
Carey	... Infinitesimal Calculus, Sections I and II.
Bateman	... Differential Equations.

9. Statics—

Minchin	... Statics, Vol. I.
Lamb	... Statics.
Loney	... Statics.

10. Dynamics of a Particle—

Lamb	... Dynamics.
Loney	... Dynamics of a Particle.
Cox	... Mechanics.

11. Hydrostatics—

Besant	... Elementary Hydrostatics.
Loney	... Elements of Hydrostatics.
Minchin	... Hydrostatics, Part I

12. Astronomy—

Parker	... Elements of Astronomy.
Young	... Manual of Astronomy.
Barlow & Bryan	... Astronomy.

(Candidates are recommended to use "Stars in the Northern Tropics" by T. Bhattacharyya.)

N.B.—Candidates who take up Mathematics at the B.A. or B.Sc. Examination are recommended to refer to Saxelby's "Practical Mathematics."

PHYSICS.

(Pass Course).

Hadley	... Magnetism and Electricity for Students.
Watson	... Text-book of Physics.
Deschanel	... Elementary Treatise on Natural Philosophy.
Duncan and Starling	... Text-book of Physics.

(Pass Practical).

Schuster and Lees	... Advanced Exercises in Practical Physics.
Harrison	... A Course of Practical Physics.
Allen and Moore	... A Text-book of Practical Physics (Macmillan & Co.).

*(Honours Course.)**(In addition to the books prescribed for the Pass Course.)*

Poynting & Thomson	...	Sound.
Ditto	...	Heat.
Ditto	...	Electricity and Magnetism.
Edser	...	Light of Students.
Wagstaff	...	Properties of Matter.
A. C. Datta	...	A Text-Book of Sound.

(Honours Practical.)

Watson	...	Text Book on Practical Physics.
Henderson	...	Practical Physics.

N.B.—Candidates who take up the Honours Course in Physics at the B.A. or B.Sc. Examination are recommended to refer to Saxelby's "Practical Mathematics."

CHEMISTRY.

(Pass Course.)

Newth	...	Inorganic Chemistry.
Holleman	...	Organic Chemistry.
Francis Jones	...	Practical Chemistry.
F. Mollwo Perkin	...	Qualitative Chemical Analysis—Organic and Inorganic.
J. B. Cohen	...	Theoretical Organic Chemistry.
Mellor	...	Inorganic Chemistry.

*(Honours Course.)**(In addition to the books recommended for the Pass Course.)*

H. C. Jones	...	Elements of Physical Chemistry.
Ostwald	...	Foundations of Analytical Chemistry.
J. Wade	...	Introduction to the Study of Organic Chemistry.
Clowes and Goleman	...	Quantitative Analysis.
Mellor	...	Inorganic Chemistry.
J. Walker	...	Introduction to Physical Chemistry.
Thorpe	...	Essays on Historical Chemistry.
Mollwo Perkin	...	Practical Method of Inorganic Chemistry.

N.B.—Candidates who take up Chemistry at the B.A. or B.Sc. Examination are recommended to refer to (a) Saxelby's "Practical Mathematics" and (b) Dunningcliff's "Laboratory Glassware Economics."

BOTANY.

(Pass Course.)

Reynolds Green, J.	...	Manual of Botany, Vols. I and II.
Scott, D. H.	...	Structural Botany 2 vols. (London, 1904-06).
Darwin, F. and Acton, G. H.	...	Practical Physiology of Plants. (Cambridge, latest edition).

Prain, D.	... Bengal Plants (Calcutta, 1903),
Roxburgh	... Flora Indica, ^{or} edited by C. B. Clarke (Calcutta, 1874).
Coulter, Barnes and Cowles	... Text Book of Botany.
Stevens	... Plant Anatomy.

(Honours Course.)

(In addition to the text-books for the Pass Course.)

Vines	... Students' Text-book of Botany.
Reynolds Green, J.	... Vegetable Physiology.
Schimper, A. F. W.	... Geography of Plants
Stopes	... Fossil Botany.
Strasburger and Hillhouse	... Practical Botany.

PHYSIOLOGY.

(Pass Course.)

Halliburton	... Handbook of Physiology.
Howell	... Text-Book of Physiology.

(Practical.)

Schafer	... Essentials of Histology and <i>either</i> .
Milroy	... Practical Physiological Chemistry <i>or</i>
Halliburton	... Essentials of Chemical Physiology and
Brodi	... Essentials of Experimental Physiology
<i>or</i>	
Beddard, Edkins, Hill, Pembrey and Macleod	... Practical Physiology.

(Honours Course)

(In addition to the books recommended for the Pass Course.)

Starling	... Principles Human Physiology.
Hill	... Recent Advances in Physiology.
Hill	... Further Advances in Physiology.

(Practical.)

(The same as for the Pass Course.)

SYLLABUS IN EXPERIMENTAL PHYSIOLOGY.

(Pass Course.)

The induction coil; single shocks, short circuiting key; effects of single shocks on the tongue; break-shock is stronger than the make-shock; Helmholtz' modification; Meel's hammer.

Pithing a frog; nerve-muscle preparation, Mechanical, chemical, thermal and electrical stimulation of muscle and nerve.

The graphic method; simple lever; crank lever (myograph), moist chamber, minimal and maximal excitation with single induction shocks (make and break). Stimulation by constant current, contraction of muscle only at make and break.

The muscle curve:—Single contraction of a frog's muscle; the latent period, the period of contraction and the period of relaxation. Time-tracing by tuning-fork. Method of after-loading. The influence of temperature and of load on muscular contraction. The work performed by a muscle during a twitch.

Elasticity and extensibility of muscle.

Summation of muscular contraction; tetanus.

Fatigue of muscle.

Thickening of a muscle on contraction

Barnard's curare experiment.

Stimulation of a motor nerve; unequal excitability (greater nearer the centre of a motor nerve), excitability of flexor and extensor nerves.

Velocity of nerve-impulse (myographic method).

Electro-Physiology:—Galvani's experiment of contraction with metals; Galvani's experiment of contraction without metals.

The frog's heart:—Beating of the heart; effect of heat and cold (heart *in situ*); section of the heart; effect of heat and cold on excised heart.

Stannius' experiment.

Graphic record of the beat of the heart (suspension method and also direct registration with heart-lever).

Pulse-Sphygmographic tracing.

Blood-pressure in man; Sphygmometer and Sphygmomanometer.

Reflex action (simple experiments on a pithed frog).

Vision:—Accommodation; Scheiner's experiment; near and far point.

Purkinje-Sanson's images; Phakoscope; Blind spot; Yellow spot; Colour vision; Complementary colours.

(Honours Course.)

Additional Experiments:—

The Induction coil—Break extra-current of Faraday.

The Rheonome; Effect of sudden variation of current.

Isotonic and isometric contraction.

Influence of veratrine on muscular contraction.

Indefatigability of nerve.

Excitation of muscle by constant current; Polar excitation of a muscle.

Electrotonus. Electrotonic changes in excitability of a nerve.

Kuhne's experiment of contraction without metals.

Examination of currents in muscle, nerve and heart by means of the reflecting galvanometer.

Frog's heart—Minimal stimulus causes maximal contraction.

"Staircase effect." Single contraction of the ventricle.

Tetanisation. Refractory period. Stimulation of the vagus.

Action of drugs (Muscarine, digitalin, Pilocarpin and Atropin) on the heart.

Voice and Speech; Laryngoscope.

Vision; Ophthalmoscope; Perimeter.

EXPERIMENTAL PSYCHOLOGY.

The subject is to be studied as defined by the Syllabus. Students are recommended to use one or more of the following books :—

*(Pass Course.)***I.—General Psychology—**

Yerkes	... Introduction to Psychology
Wundt	... Human and Animal Psychology.
Titchener	... Text-book of Psychology.
Lickley	... The Nervous System (Longmans & Co.).
Angell	... Psychology.

Preparatory Reading :—Students are advised to read Titchener's Primer of Psychology before joining the regular class.

II.—Experimental Psychology—

Sanford	... Course in Experimental Psychology.
Myers	... Text-book of Experimental Psychology.

Part I—Text-book.**Preparatory Reading—**

Students are advised to read Myer's Primer of Experimental Psychology before joining the regular class.

Laboratory Course—

Titchener's Experimental Psychology, Vol. I, Part I, and Vol. II, Part I. (Student's Manual, Qualitative and Quantitative).

Myers' Text-book of Experimental Psychology, Part II (Laboratory Course)

*(Honours Course.)***I.—General Psychology.**

(Same as in the Pass Course with the addition of Kulpe's Outlines of Psychology.)

II.—Physiological and Comparative Psychology :—

Wundt	... Principles of Physiological Psychology, Vol I, Part I (The Bodily Substrate of Mental Life.)
Ladd	... Elements of Physiological Psychology.
Thorndike	... Animal Intelligence.
Lloyd Morgan	... Comparative Psychology.
M. Greenwood (Jr.)	... Physiology of Senses.
McDougall	... Physiological Psychology (Home Univer- sity Library).
Holmes	... Evolution of Animal Intelligence.

III.—Experimental Psychology—

In addition to the books recommended for the Pass Course, the following :—

Scripture	... New Psychology.
Titchener	... Lectures on the Psychology of the Thought Processes.
Titchener	... Instructor's Manual—Quantitative (Intro- duction),

ZOOLOGY.

(Pass Course.)

Shiple and MacBride	...	Zoology.
Parker and Haswell	...	Text-Book of Zoology.
Hertwig	...	Manual of Zoology, translated, by Kingsley.
Wilson	...	The Cell in Development and Inheritance.
T. J. Parkar and W. N. Parkar.		An Elementary Course of Practical Zoology.
Foster and Balfour	...	The Elements of Embryology.
Bateson	...	Mendel's Principles of Heredity.

Students are recommended to read—

Darwin	...	The Origin of Species.
Wallace	...	Darwinism.

(Honours Course.)

(In addition to the books recommended for the Pass Course.)

Schafer's Essentials of Histology.

Bateson	...	Problems of Genetics.
Lillie	...	Problems of Fertilisation.
Miall and Hammond	...	The Structure and Life History of the Harlequin Fly.
Miall and Donny	...	The Cockroach.

The following works are recommended for reference : —

The Cambridge Natural History.

Ray Lankester	...	A Treatise of Zoology.
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GEOLOGY.

No text-books are prescribed. The subject is to be studied with the help of the Syllabus prescribed in the Regulations.

The following leading cases are to be studied in the original judgments as expositions of important legal principles :—

PRELIMINARY EXAMINATION IN LAW, JUNE 1921 AND JANUARY 1922.

Hindu Law.

- Bhagwan Singh v. Bhagwan Singh, L.R. 26, I.A. 153
 Bhoban Moyee Debia v. Ramkishore Acharj Chowdhury, 10 M.I.A. 279.
 Bhugwandeem Doobey v. Mynu Baee) 11 M.I.A. 487.
 Bhupatinath Smrititirtha v. Ramlal Mitra, 1 L.R. 37. Cal. 128.

- The Collector of Madura *v.* Mootoo Ramalinga Sathupathy. 12 M.I.A. 397.
 Guru Govind Shaha *v.* Anundil. 5 B.L.R. 15.
 Hunuman Persaud Panday *v.* Musumat Babooee Moonraj Koonweree, 6 M.I.A.
393. Jotindramohan Tagore *v.* Ganendramohan Tagore, I.R.I.A. Sup. Vol. 47.
 Katama Natchir *v.* Raja of Shivagunga 9 M.I.A. 543.
 Manikyamala Bose *v.* Nandakumar Bose I.L.R. 33 Cal. 1306.
 Mociram Kolita *v.* Kerry Kolitany, L.R. 7, I.A. 115.
 Omrit Kumaree Dabee *v.* Luckhee Naran Chuckerbutty, 10 W.R., 76, F.B.
 Radhamohan *v.* Haradai Bibi, I.L.R. 21, All. 460.
 Sri Balusu Curulingaswami *v.* Sri Balusu Ramalakshamma, I.L.R. 22 Mad.
398. Suraj Bansi Koer *v.* Sheo Proshad Singh, L.R. 6, I.A. 88.
 Ramgopal Bhattacharjee *v.* Narainchandra Bandyopadhyay, I L.R. 33 Cal. 315.
 Hiralal Singh *v.* Tripuracharan Ray, I.L.R. 40, Cal. 615.
 Deviprosad Chowdhury *v.* Gopal Bhagat, I.L.R. 40, Cal. 721.
 Ramchandra Martand Walkar and others *v.* Vinayak Venkatesh Kothekar
 L.R. 41, I.A. 290.
 Harikishen Bhagar *v.* Kashipershad Singh, L.R. 42, I.A. 64
 Katki and another *v.* Lakpati Pujari, 20 C.L.J. 319.
 Rajaninath *v.* Nitaichandra, 32, C.L.J.
 Metheram *v.* Rewachand, I. R. 45, I.A. 41.
 Sahu Ram Chandra *v.* Bhup Singh, L.R. 44, I.A. 126.
 Rangasami *v.* Nachinappa, L.R. 46, I.A. 72
 Nagindas *v.* Bachoo, L.R. 43, I.A. 56.
 Rama Rao *v.* Raja of Pittapur, L.R. 45, I.A. 148.
 Puddo Kumari *v.* Court of wards L.R. 8, I.A. 229.
 Madanmohana *v.* Purushothama, L.R. 45, I.A. 156

INTERMEDIATE EXAMINATION IN LAW, JUNE 1921 AND JANUARY 1922.

Muhammadan Law and Law Relating to Persons.

- Abdul Razak *v.* Aga Mahomed Jaffer Bindanim, I.L.R. 21, Cal. 666.
 Abdul Fata Mahomed Ishak *v.* Russomoy Dhar Chowdhury, I.L.R. 22, Cal.
619. Ashrufood Dowlah *v.* Hyder Hossein Khan, 11, M.I.A. 94.
 Baker Ali Khan *v.* Anjuman Ara Begam, L.R. 30, I.A. 94.
 Gobind Dayal *v.* Inayatullah, I.L.R. 7, All 775.
 Raneer Khujooroonissa *v.* Roushun Jehan, L.R. 3, I.A. 291.
 Andrews *v.* Salt, L.R. 8, Ch. App. 622.
 Abraham *v.* Abraham, 9 M.I.A. 195
 De Manneville *v.* De Manneville, 10 Ves. 52.
 Udny *v.* Udny, L.R., Sc. and D., 441.
 Skinner *v.* Orde, 14 M.I.A. 309.
 Piers *v.* Piers, 2 H.L.C. 331.
 Nimaichand Addya *v.* Golam Hossein I.L.R. 37, Cal. 179.
 Khajeh Salimullah *v.* Abdul Khair M. Mustafa, I.L.R. 37, Cal. 263.
 Casdagli *v.* Casdagli L.R. (99) A.C. 145.
 Sadik Hossein *v.* Hashim Ali, L.R. 42, I.A. 242.
 Digambar Singh *v.* Kunwar Ahmad, L.R. 42, I.A. 10.
 Imbandi *v.* Haji Mutsaddi, L.R. 45, I.A. 73.
 Rama Nandan *v.* Vava Levvai, I.L.R. 40, Mad. 116.

Rani Bhagwan v. Jogendrachandra Bose and others, L.R. 30, I.A. 249, I.L.R. 31, Cal. 11, 7 C.W.N. 895.

Lala Khunni Lal and others v. Kunwar Gobind Krishna Narain and others' L.R. 38, I.A. 87, I.L.R. 33, All. 356, 13 C.L.J. 587, 15 C.W.N. 545,

Kali Bakhsh Singh and others v. Ram Gopal Singh and others, L.R. 41, I.A. 23, I.L.R. 36, All. 81, 19 C.L.J., 172 P.C., 18 C.W.N., 282 P.C.

Monijan Bibee v. District Judge, Birbhum I.L.R. 42, Cal. 351, 20 C.L.J. 91, 19 C.W.N. 290.

Besant v. Narayaniah, L.R. 41, I.A. 314, I.L.R. 38, Mad. 807, 20 C.L.J. 253 P.C., 18 C.W.N., 1089 P.C.

Law of Transfer Inter Vivos.

Bellamy v. Sabine, 1 De G. & J. 566.

Rajkishan Mookerjee v. Radhamadhab Haldar, 21, W.R. 349.

Ishanchandra Das Sirkar v. Bishu Sirdar, I.L.R. 24, Cal. 825.

Chandi Churn Barua v. Sidheswari Debi, I.L.R. 16, Cal. 71; L.R. 15 I.A.

149.

Rajakishen Datt Ram v. Raja Mumtaz Ali Khan, I.L.R. 5, Cal. 198, L.R. 6 I.A. 146.

Gokuldas Gopaldas v. Purnamal Premsukhdas, I.L.R. 10, Cal. 1035.

Moheshlal v. Mohant Bawan Das, I.L.R. 9, Cal. 961.

Moakes & Co., Ltd. v. Rice [(1902) A.C. 24].

Lal Achal Ram v. Kazim Husain Khan, I.L.R. 27, All. 271; L.R. 32, I.A.

113.

Beniram v. Kundanlal, I.L.R. 21, All. 496

Joitaram Ramkrishna v. Ramkrishna Nandlal, I.L.R. 27, Bom. 31.

Tailby v. Official Receiver, 13 App. Cas. 523.

Hakim Lal v. Mooshahar Sahu, I.L.R. 34, Cal. 000; 23 C.L.J. 406

Ashutosh Sikdar v. Behari Lal Kirtania I.L.R. 35, Cal. 61.

Gurdeo Singh v. Chandrikah Singh, I.L.R. 36, Cal. 193.

Shamu Patter v. Abdul Kadir Ravuthan and others, L.R. 39, I.A. 218

Jadunath Poddar v. Ruplal Poddar, I.L.R. 33, Cal. 967.

Petherpermal Chetty v. Muniandy Servai, I.L.R. 35, Cal. 55.

Tilakdhari Lal v. Khedan Lal, 32 C.L.J.

Gurnarayan v. Sheolal, L.R. 46, I.A. 1.

Kreglinger v. New Patagonia Co., L.R. 1914, A.C. 25.

Mahamaya v. Haridas Haldar, I.L.R. 42, Cal. 455

Law of Real Property and Succession.

Van Grutten v. Foxwell (1897) A.C. 658.

London and South-Western Railway Co. v. Gomm (20 Ch.D. 562).

Morley v. Bird (3 Ves. 629; 4 R.R. 106).

Walsh v. Lonsdale (21 Ch. D. 9).

In re Rosher (26 Ch. D. 801).

Sajid Ali v. Ibad Ali (I.L.R. 23, Cal. 1).

Alangamonjori v. Sanamoni Dabee (I.L.R. 8, Cal. 637).

Bhagabati Barmanya v. Kalicharan Singh (I.L.R. 32, Cal. 992).

Narendranath Sircar v. Kamalbasini Dasi (I.L.R. 23 Cal. 563).

Bai Motivahu v. Bai Mamubai (I.L.R. 21, Bom. 709).

Ramlal Mookerjee v. The Secretary of State for India in Council (I.L.R. Cal. 304).

Mirza Kurratulain Bahadur v. Peara Saheb, L.R. 32, I.A. 244.

Sailajaprasad Chatterjee and others v. Jadunath Bose, 21 C.L.J. 88.

Law of Contracts and Torts.

- Ashby v. White (Judgment of Holt, C.J.) (1 Sm. L.C. 231; 2 Lord Raymond 938; 3 Id. 320).
 Barwick v. English Joint Stock Bank (L.R. 2 Ex. 259).
 Canadian Pacific Railway Company v. Roy (1902 A.C. 220).
 Goggs v. Bernard (1 Sm. L.C. 167; 2 Lord Raymond, 909).
 Dhanipal Das v. Raja Maneshar Bakhsh Singh (L.R. 33, I.A. 118; I.L.R. 128 All. 520; 4 C.L.J. 1).
 Hadley v. Baxendale (9 Exch. 241; 96 R.R. 742).
 Cundy v. Lindsay (L.R. 3 App. Cas. 459).
 Smith v. Baker (1891 A.C. 325).
 Keighley, Maxsted & Co. v. Durant (1901 A.C. 240).
 Mogul Steamship Co., Ltd. v. McGregor, Gow & Co (1892 A.C. 25).
 Mohori Bibee v. Dhurmodas Ghose (L.R. 30, I.A. 114; I.L.R. 30 Cal. 539).
 Quinn v. Leatham (1901 A.C. 495).
 Ram Coomar Coondoo v. Chunder Canto Mookerjee (L.R. 4, I.A. 23 2 App. Cas. 186; I.L.R. 2, Cal. 233).
 Smith v. Hughes (L.R. 6, Q.B. 597).
 Gaekwar of Baroda v. Gandhi Kachrabhai Kasturchand (I.L.R. 27 Bom. 344; L.R. 30, I.A. 60).
 Derry v. Peek (Judgment of L.C. Herschell, L.R. 14 App. Cas. 337).
 Armory v. Delamirie, 1 Strange 505.
 Shaik Kalu v. Ramsaran Bhagar, 9 C.L.J. 216.
 Seth Kanhaya Lal v. National Bank of India, L.R. 40, I.A. 56.
 Ledu Coachman v. Hiralal Bose, 21 C.L.J. 537.

FINAL EXAMINATION IN LAW, JUNE 1921 AND JANUARY 1922.

Land Tenures, Land Revenue and Prescription.

- Hurryhor Mookhopadhyaya v. Madhubchunder Baboo (14 M. I.A. 152; 20 W.R. 459; 2 P.C.J. 713).
 Joykishen Mookerjee v. The Collector of East Burdwan (10 M.I.A. 16; 1 W.R.P.C. 26; 2 P.C.J. 54).
 Lopez v. Muddunmohan Thakoor (13 M. I.A. 467; 14 W.R.P.C. 11; 2 P.C.J. 594).
 Maharani Rajroop Koer v. Syed Abdul Hossein (L.R. 7 I.A. 240; I.L.R. 6, Cal. 394; 4 P.C.J. 199).
 Mohesh Narain v. Nawbut Pathak (1 C.L.J. 437; I.L.R. 32 Cal. 397).
 Narendranarain Roy v. Ishan Chunder Sen (22 W.R. 22).
 Nogender Chunder Ghosh v. Mahomed Esoff (18 W. R. 113; 3 P.C.J. 151).
 Radhaprasad Singh v. Bal Kowar Koeri (I.L.R. 17 Cal. 726).
 Raja Lelanund Sing Bahadoor v. The Government of Bengal (6 M.I.A. 101; W.R. 77; 1 P.C.J. 505).
 Shamchand Koondoo v. Brojonath Pal Choudhury (21 W.R. 94).
 Sonet Koer v. Himmud Bahadoor (I.L.R. 1 Cal. 391).

- Watson & Co. v. Ramchand Dutt (I.L.R. 18 Cal. 10).
 Thakurain Ritraj Koer v. Thakurain Sarfaiaz Koer (L.R. 32 I.A. 165).
 Kripasindhu Mukerjee v. Annanda Sundari Debi (I.L.R. 35 Cal. 34)
 Forbes v. Bahadur Singh (L.R. 41 I.A. 9)
 Secretary of State for India v. Kirtibas Bhupati Harichandan Mahapatra
 L.R. 42, I.A. 30).
 Srinath Roy v. Dinabandhu Sen (L.R. 42, I.A. 221).
 Paul v. Robson (L.R. 42, I.A. 180).
 Jibananda Chakrabarty v. Kalidas Malik (I.L.R. 42, Cal. 164).
 Midnapur Zemindary Company, Ltd. v. Hrishikesh Ghosh (I.L.R. 41,
 Cal. 1108)
 Amulyaratan Sarkar v. Tarininath Dey (I.L.R. 42 Cal. 254).
 Mohsenuddin v. Bhagabanchandra (32 C.L.J.).
 Chandrabinode Kundu v. Ala Bux (31 C.L.J. 510).
 Chandrakanta Nath v. Amjad Ali (32, C.L.J.)
 Nilmani Kar v. Sati Prosad Garga (32, C.L.J.)
 Ranajit Singh v. Kalidasi Debi (L.R. 44, I.A. 117).
 Ranjit Singh v. Maharaja Bahadur (L.R. 45, I.A. 162).

Equity and Trust.

- Allcard v. Skinner (L.R. 36 Ch. D. 145, S. C. Finch, Sel. Cas. 600).
 Earl of Aylesford v. Morris (L.R. 8 Ch. App. 484).
 Cooper v. Phibbs (L.R. 2 H.L. 149)
 Fox v. Mackreth (2 Wh. & T.L.C. 709).
 Fazluddeen Khan v. Fakir Mahomed Khan (I.L.R. 5 Cal. 336).
 Gopeekrist Gosain v. Gangapersaud Gosain (6 M.I.A. 53).
In re Hallett's Estate (L.R. 13 Ch. D. 696)
 Le Neve v. Le Neve (2 Wh. & T.L.C. 175).
 Mussoorie Bank v. Raynor (L.R. 7 App. Cas. 321; I.L.R. 4 All. 500
 L.R. 9 I.A. 70).
 Ramcoomar Koondoo v. McQueen (L.R. I A. Sup. Vol. 40).
 Stapilton v. Stapilton (1 Wh. & T.L.C. 223, 1 Atk. 2).
 The Mayor of Lyons v. The Advocate-General of Rengal (I.L.R. 1
 Cal. 303).
 Tulk v. Moxhay (11 Reav. 571, 2 Ph. 774, 1 Hall and Twells 105 Finch
 Sel. Cas. 777).
 Tulk v. Moxhay (11 Reav. 571, 2 Ph. 774, 1 Hall and Twells 105, Finch
 Sel. Cas. 777).

Law of Evidence. Civil Procedure and Limitation.

- Gujju Lall v. Fatteh Lall (I.L.R. 6 Cal. 171).
 Ramranjan Chakerbatty v. Ram Narain Sing (I.L.R. 22 Cal. 533; L.R. 22
 I.A. 60).
 Tepu Khan v. Rajanimohan Das (I.L.R. 25 Cal. 522).
 Saratchunder Dey v. Gopalchunder Laha (I.L.R. 20 Cal. 296; L.R. 19, I.A.
 203).
 Balkishen Das v. Legge (I.L.R. 22 All. 149; L.R. 27, I.A. 58).
 Run Bahadur v. Lucho Koer (I.L.R. 11 Cal. 301).
 Ishanchandra Sarkar v. Benimadhab Sarkar (I.L.R. 24 Cal. 62).
 Prasannakumar Sanyal v. Kalidas Sanyal (I.L.R. 19 Cal. 683).
 Zain-ul-Abdin v. Asghar Ali (I.L.R. 10 All. 166).
 Rudrakant v. Nabakishore (I.L.R. 9 Cal. 663).
 Maniram Seth v. Seth Rupchand (I.L.R. 33 Cal. 1047; 4 C.L.J. 94; L.R.
 30, I.A. 163).

Balwant Rao *v.* Puran Mal (I.L.R. 6 All.; I.L.R. 10, I.A. 90).
 Narendrachandra Mandal *v.* Jendranarain Rai (20 C.L.J. 469).
 Chhaymanessa Bibi *v.* Bhsiar Rahmin (I.L.R. 37 Cal. 399).
 Upendranath Kalamuri *v.* Kusumkumari Dasi (I.L.R. 42 Cal. 440).
 Ajo Koer *v.* Gorak Nath (20 C.L.J. 481).
 Kartickchandra Ghose *v.* Ashutosh Dhara (I.L.R. 39 Cal. 208).
 Panchanan Bundopadhyaya *v.* Raba Bibi (I.L.R. 17 Cal. 711).
 Hukumchand Boid *v.* Kamalanand Singh (I.L.R. 33 Cal. 927).
 Khiairajmal *v.* Daim (I.L.R. 32 I.A. 23).
 Musammatt Rashid-un Nisa *v.* Mahammad Ismail Khan (I.L.R. 36 I.A. 168).
 Ganpat Lal *v.* Bindbasini (I.L.R. 47, I.A. 91).
 Raja Mukund Deb *v.* Gopinath Sahu (21 C.L.J. 45).
 Kamini Debi *v.* Pramathanath Mookerjee (20 C.L.J. 476).
 Malkarjun *v.* Narhari (I.L.R. 27, I.A. 216).
 Taranath Chakrabarti *v.* Iswarchandra Dassarkar (14 C.L.J. 598).
 Secretary of State for India *v.* Krishnamoni Gupta (I.L.R. 29, I.A. 104).
 Agency Company *v.* Short (13 App. Cas. 793).
 Gopeswar Pal *v.* Jibanchandra Chandra (I.L.R. 41 Cal. 1125).
 Hridayanath Ray *v.* Ramchandra Barua (31 C.L.J. 482).
 Ramendra Nath *v.* Brajendra Nath (I.L.R. 45 Cal. 111).
 Manjuri Bibi *v.* Akel (7 C.W.N. 880).
 Kumar Basanta Ray *v.* Secretary of State (I.L.R. 44 I.A. 104).
 Kessowji *v.* G.I.P. Ry. Co. (I.L.R. 31 Bom. 391).
 Ghuznavi *v.* Allahabad Bank (I.L.R. 44 Cal. 929).
 Budh Singh *v.* Nirodbaran (2 C.L.J. 431).
 Emperor *v.* Panchu Das (31 C.L.J. 402).
 Benimadhab *v.* Sadasook (I.L.R. 32 Cal. 437).
 Amritlal *v.* King-Emperor (I.L.R. 42 Cal. 957).
 Gobindachandra *v.* Dwarkanath (20 C.L.J. 455).

Law of Crimes and Criminal Procedure.

Ganouri Lal Das *v.* The Queen Empress (I.L.R. 16 Cal. 206).
 In the matter of the Petition of R. MacCrea (I.L.R. 15 All. 172).
 Nabi Baksh *v.* Queen-Empress (I.L.R. 25 Cal. 416).
 Prosonnokumar Patra *v.* Uday Sant (I.L.R. 22 Cal. 669).
 Queen-Empress *v.* Bal Gangadhar Tilak (I.L.R. 22 Bom. 112).
 Queen-Empress *v.* Nayamuddin (I.L.R. 18 Cal. 484 F.B.).
 Queen *v.* Gorachand Gope (B.L.R. Sup. Vol. 443; 5 W. R. Cr. 45).
 Queen-Empress *v.* Sri Churn Chungo (I.L.R. 22 Cal. 1017).
 Queen-Empress *v.* Haradhan (I.L.R. 19 Cal. 380).
 Queen-Empress *v.* Noshi Bhushan (I.L.R. 15 All. 210).
 Queen-Empress *v.* Abbas Ali (I.L.R. 25 Cal. 512).
 The Empress *v.* Riasat Ali (I.L.R. 7 Cal. 352).
 Khosh Mahomed Sirkar *v.* Nasir Mahomed (I.L.R. 33 Cal. 352).
 Vaithinatha Pillai *v.* The King-Emperor (I.L.R. 40 I.A. 193).
 Amritlal Hazra *v.* Emperor (I.L.R. 42 Cal. 957).
 Pulinbehari Das *v.* King-Emperor (15 C.L.J. 517).
 Barindrakumar Ghosh *v.* Emperor (I.L.R. 37 Cal. 467).
 Legal Remembrancer *v.* Matilal Ghosh (I.L.R. 41 Cal. 173).
Re. Matilal Ghosh (I.L.R. 45 Cal. 160).
 Amritlal Bose *v.* Corporation of Calcutta (I.L.R. 44 Cal. 1025).
 Satischandra Chakrabarti *v.* Ramdeyal De (32 C.L.J. 94).
 Ali Muhammad *v.* Pigott (32 C.L.J. 270).

PRELIMINARY EXAMINATION IN LAW IN JULY, 1922, AND JANUARY, 1923.

- (i) Jurisprudence ... Maine's Ancient Law (edited by Sir F. Pollock); Holland's Jurisprudence (12th edition).
- (ii) Elements of Roman Law and the Principles of Legislation. Bagchi's Roman Private Law; Jethro Brown's Underlying Principles of Modern Legislation.
- (iii) Hindu Law ... Mitakshara, Chapter I, sections 1-5; Chapter II, sections 1-10; Dayabhaza, Chapters 1, 2, 5 and 11; Jogendranath Bhattacharyya's Hindu Law, 3rd edition. Vol. I, Part II; Mayne's Hindu Law and Usage; Go'apchandra Sarkar's Hindu Law; or, Jogendrachandra Ghosh's Principles of Hindu Law, Vol. I; University Selection of Leading Cases.

(The Leading Cases to be studied in the original judgments as expositions of important legal principles will be notified later on.)

INTERMEDIATE EXAMINATION IN LAW IN JULY, 1922, AND JANUARY, 1923.

- (i) Muhammadan Law ... Sirajiya (except the details as to succession of distant kindred); Amir Ali's Students' Manual of Muhammadan Law; or, Mulla's Principles of Muhammadan Law (omitting the details as to the succession of distant kindred); University Selection of Leading Cases.
- (ii) The Law relating to Persons. Act IX of 1875 (Majority); Campbell's Principles of English Law Chapters IV, V, VIII XII-XV; University Selection of Leading Cases.
- (iii) The Law relating to Property—
 - (a) The Law of Transfer *inter vivos*. Act IV of 1882 (Transfer of Property Act); Act III of 1877 (Registration), sections 17, 18, 49, 50; University Selection of Leading Cases.
 - (b) Principles of the English Law of Real Property and the Law of Intestate and Testamentary Succession (exclusive of the Hindu and the Muhammadan Law of Intestate Succession). Williams' Principles of the Law of Real Property (22nd edition), Introduction Part I (omitting Chapters IX and XII), Part II, Part IV (omitting Chapter I) and Part V; Act X of 1865 (Succession) omitting Parts III-V, XXX, XXXI and XXXV-XL; Act XXI of 1870 (Hindu Wills) except the provisions of the Indian Succession Act omitted from the study of that Act; Act V of 1881 (Probate and Administration Act); University Selection of Leading Cases.

- (iv) **The Law of Contracts and Torts.** Anson's Law of Contract (14th edition); Salmond's Summary of the Law of Torts, omitting Chapters V, VI, X and XVI; Act IX of 1872 (Contract Act); University Selection of Leading Cases.

(The Leading Cases to be studied in the original judgments as expositions of important legal principles will be notified later on.)

FINAL EXAMINATION IN LAW IN JULY, 1922, AND JANUARY, 1923.

THE LAW RELATING TO PROPERTY.

- (i) **The Law of Land Tenures, Land Revenue and Prescription.** Regulation I of 1793; Preamble to Regulation II of 1793; Regulations VIII, XIX, sections 1-7, XXXVII, sections 1-3 of 1793; VIII of 1819; XI of 1825; Act VIII of 1885 (Bengal Tenancy Act), Chapters I-VIII, XI, XIV, XV; Act XI of 1859; Act XV of 1877, sections 26-28; Upendranath Mitra's Indian Law of Prescription and Easements; Field's Introduction to the Bengal Regulations (portions relating to Land Tenures); or, Atulchandra Guha's Land Systems of Bengal and Bihar, omitting appendices; University Selection of Leading Cases.
- (ii) **The Principles of Equity, including the Law of Trusts.** Maitland's Lectures on Equity, Chapters I-XXI; Brett's Leading Cases on Equity; University Selection of Leading Cases.

[N.B.—Students are recommended to consult Perride's Students' Cases with a view to elucidate the cases mentioned in the text-books.]

- (iii) **The Law of Evidence and the General Principles of Civil Procedure and Limitation.** Act I of 1872 (Evidence Act); Act V of 1908 (Civil Procedure), sections 1-58; Schedule I, Orders I-X, XIV, XV, XVIII, XX, XXI-XXIII, XXXI-XXXII, XXXIV-XXXV, XXXIX-XLI, XLII, XLIII, XLV, XLVI, XLVII; Schedule II; Act XV of 1877 sections 1-25; Best on Evidence, Introduction, Books I and II and Book III, Part I. University Selection of Leading Cases.
- (iv) **The Law of Crimes and the General Principles of Criminal Procedure.** Act XLV of 1860 (Penal Code), Chapters I-V and such portions of Chapters VI-XXIII as do not relate exclusively to the amount of punishment to be inflicted for an offence; Act V of 1898 (Criminal Procedure), omitting Chapters I, IX, XIV, XXXIII-XL, XLII, XLIII, XLVI, except section 562; Sir James Fitz James Stephen's General View of the Criminal Law of England; University Selection of Leading Cases.

(The Leading Cases to be studied in the original judgments as expositions of important legal principles will be notified later on.)

JANUARY 1921, 1922, AND 1923, JULY, 1921, 1922. BURMA LOCAL LAWS.

- I. (1) The Court Fees Act, 1870.
- (2) The Indian Stamp Act, 1899.
- (3) The Indian Arms Act, 1878.
- (4) The Opium Act, 1878 and Rules.
- (5) The Indian Excise Act, 1916, and Rules.
- (6) The Burma Land and Revenue Act, 1876, and Rules.
- (7) The Burma Boundaries Act, 1880.
- (8) The Burma Laws Act, 1808.
- (9) The Lower Burma Courts Act, 1900.
- (10) The Burma Municipal Act, 1898.
- (11) The Lower Burma Town and Village Lands Act, 1898.
- (12) The Burma Gambling Act, 1899.
- (13) The Burma Forest Act, 1902.
- (14) The Burma Fisheries Act, 1905.
- (15) The Burma Towns Act, 1907.
- (16) The Burma Village Act, 1907.

II. Decisions under the foregoing Acts in the Selected and Printed Judgments, Lower Burma, and in the Lower Burma Rulings.

- III. (a) Upper Burma, Land and Revenue Regulations and Rules.
- (b) Upper Burma Courts Regulations.
- (c) Upper Burma Rulings.

M. L. EXAMINATION, 1922.

(1) HINDU LAW OR MUHAMMADAN LAW.

Hindu Law.

Manu	... Institutes, Chapters I, III, VII, VIII and IX
Yajnavalkya	... Institutes, Book II, on Vyavahara or Positive Law.
Vijnanesvara	... Mitakshara.
Devananda Bhatta	... Smriti-Chandrika.
Vachaspathi Misra	... Vivada Chintamani.
Nilakantha	... Vyavahara Mayukha.
Mitra Misra	... Viramitrodaya.
Jimutavahana	... Dayabhaga.
Raghunandan	... Dayatatwa.
Nanda Pandita	... Dattaka-Mimansa.
Kuvera	... Dattaka-Chandrika.
Gooroo Dass Banerjee	... Marriage and Stridhana (Tagore Lectures, 1878).
Gopal Chandra Sirkar	... Adoption (Tagore Lectures, 1888).
Mayne	... Hindu Law and Usage.
Jogendrachandra Ghose	... Hindu Law
Priyanath Sen	... Hindu Jurisprudence.

Muhammadan Law.

Seraajuddin	... Al Sirajiya.
Baillie	... Digest of Muhammadan Law—Shunni and Shia.

Ameer Ali	... Muhammadan Law, Vols. I and II.
Wilson	... Digest of Anglo-Muhammadan Law.
Abdur Rahman	... Institutes of Musalman Law.
Abdur Rahim	... Principles of Muhammadan Jurisprudence (Tagore Lectures, 1907).
Tyabji	... Muhammadan Law.

(2) JURISPRUDENCE AND PRINCIPLES OF LEGISLATION.

Salmond	... Jurisprudence.
Frederic Harrison	... Jurisprudence.
Science of Legal Method (Modern Legal Philosophy, Series Vol. IX.)	
Miraglia	... Comparative Legal Philosophy (Modern Legal Philosophy Series, Vol. III.)
Berolzheimer	... World's Legal Philosophies (Modern Legal Philosophy Series, Vol. II).
Lee	... Historical Jurisprudence.
Maine	... Village Communities.
Holmes	... Common Law.
Evolution of Law Series. Vols I-III (edited by Kocourek and Wigmore.)	
Continental Legal History Series, Vol. I (General Survey)	
Continental Legal History Series, Vol. II (Great Jurists of the World).	
Bentham	... Theory of Legislation (edited by Dumont and translated by Atkinson, Oxford Press Series).

(PRINCIPLES AND HISTORY OF ROMAN LAW.

Gaius	... Institutes (translated by Poste).
Justinian	... Institutes translated by Moyle.
Sohm	... Institutes (translated by Ledlie).
Muirhead	... Roman Law.
Sherman	... Roman Law in the Modern World.

(4) PRIVATE INTERNATIONAL LAW.

Foote	... Private International Jurisprudence
Nelson	... Private International Jurisprudence.

(5) & (6) ANY TWO OF THE FOLLOWING.

(i) *Principles of Equity.*

Langdell	... Brief Survey of Equity Jurisdiction
Story	... Equity Jurisprudence.
Underhill	... Law of Trusts.
Agnew	... Law of Trusts (Tagore Lectures, 1881).
White and Tudor	... Leading Cases in Equity (8th Edition).

(ii) *Law relating to Transfer of Immovable Property and Law of Prescription*

Dast	... Vendors and Purchasers.
Williams	... Vendors and Purchasers.
Rashbehari Ghosh	... Law of Mortgages (Tagore Lectures, 1876).
Go ldard	... Law of Easements,

The Transfer of Property Act.
The Indian Easements Act.

(iii) *Law relating to Wills.*

Underhill and Strahan	...	On the interpretation of Will and Settlements.
Theobald	...	Law of Wills.
Ingpen	...	Law of Executors.
Henderson	...	Law of Wills (Tagore Lectures, 1887).
Trevelyan	...	Hindu Will (second edition).
Asutosh Mukhopadhyay	...	The Law of Perpetuities in British India (Tagore Lectures, 1898).
The Indian Succession Act.		
The Hindu Wills Act.		
The Probate and Administration Act		

(iv) *Law of Contracts and Torts.*

Pollock	...	Principles of Contract, Law of Torts
Street	...	Foundations of Legal Liabilities.
Fry	...	Specific Performance.
Finch	...	Cases on Contracts.
Kenny	...	Cases of Torts.
Salmond	...	On Torts.
Satischandra Banerjee	...	The Law of Specific Relief in British India (Tagore Lectures, 1906).
The Indian Contract Act.		
The Specific Relief Act.		

(v) *Principles and History of the Law of Real and Personal Property.*

Williams	...	Real Property.
Williams	...	Personal Property.
Goodeve	...	Real Property
Goodeve	...	Personal Property.
Challis	...	Real Property.
Digby	...	History of Real Property.
Leake	...	Law of Property in Land.
Finch	...	Cases on the Law of Property.

(vi) *Principles and History of the Law of Evidence.*

Best	...	Evidence.
Thayer	...	Preliminary Treaties on Evidence.
Phillimore	...	History of Evidence.
Wigmore	...	Cases of Evidence.
Wigmore	...	Principles of Judicial Proof.
Indian Evidence Act.		

(vii) *History of English Law.*

Pollock and Maitland	...	History of English Law.
Meives	...	History of English Law (edited by Finlayson).
Holdsworth	...	History of English Law.
Jenks	...	History of English Law.
Kerly	...	History of Equity.
Maitland	...	Collected Papers.
Ames	...	Lectures on Legal History.
Selected Essays on Anglo-American Legal History (Cambridge University Press).		

TEXT BOOKS FOR 1921, 1922 & 1923.

VERNACULAR COMPOSITION.

MAITHILI.

MATRICULATION EXAMINATION.

Sumati (a social novel)	... B. Ras Behari Das
Ganesh Khand	... Lal Kavi, Part I.
Gaja Graha Uddhar	... B. Gunmot Lal Dass.

I. A. AND I. Sc. EXAMINATIONS.

Rameshwar (a Social novel)	... Pandit Gibachh Mishra.
Krishna Janama	... Mandodh or Bholan Cavi.
Maithala Bhasha Ramaoan	... Chand Jha. (Lanka Kand only).

B. A. EXAMINATION.

Mahabharatsara	... Pandit Ramanand Misra.
Ushaharan	... „ Harsanath Jha.
Sreemad Gitadarsha	... „ Trilochan Jha.

The Padyavalis of Umapati, Ratnapani, Deen dandha, Ramnath and Bagesh.

MALAYALAM.

MATRICULATION EXAMINATION.

Radha Charitam	... T. Animalu Ammal (Vadakkamthara Palghat)
Chandrasahascharita	... M. Krishnan, (Ed. by M. K. Sreederr Ammal Calicut)
Bhasha Barthrihari (Neethy Sathakam)	... Mangalodayan Press, Trichur.

I. A. AND I. Sc. EXAMINATIONS.

Padmini and Bhima Sinha's daughter	... V. K. Chinnammalu (T. K. Nair's Book Depot, Calicut).
Adyatma Ramayana (Kishkinda Kanda)	... Tunjathu Exhuttachan. (Mangalodayam Press, Trichur).
Gadyamalika, Part I	... Basal Mission Press, Mangalore.

B. A. EXAMINATION.

Pracheenaryavartham	... Kerala Chintamani
Kapala Kundala	... Do.
Kathakali, Nalacharitham	... Do.
Uthararamacharitham	...

TAMIL.

MATRICULATION EXAMINATION.

Akbar	... T. Chelva Kesana Mudaliar.
Hemaletha	...

I. A. AND I. Sc. EXAMINATIONS.

Periyapuram Vachanam	...	Arungha Navalar Edition.
(Life of Appar, Sundar, Sambutta-murthi)		
Thirukkural (Chs. I-X)	...	Ripon Press
Kamraki	...	J. Chelvakesava Raya Mudaliar.

B. A. EXAMINATION.

Tiruvalluvar	...	Chelvakesava Raya Mudaliar.
Sankara Kyayam	...	Velayutha Mudaliar
Kamta Ramayanam		
(Sundara Kantam—Katchi Patalan)		
Thirukkural 50-60 Adhyayas)		

KANARESE.

MATRICULATION EXAMINATION.

Abalāsacharitra Ratnamala, Part I.		
Kathā Sangraha, Vol. II.		
The adventures of Telemachus, Part I	...	M. Venkata Krishnaiya, Mysore.
Ramayana—Sundara Kādam	...	Venkateswarn & Co., Madras.

I. A. AND I. Sc. EXAMINATIONS.

Padmini	...	K. L. Datta (Hanuman & Coy, Mysore)
Sumati Madana Kumāra Charitra		M. S. Puttauna
Vishavriksha	..	B. Venkata Char (Royal Press, Mysore).
Rāmānanda, Sateehitaishani Series	...	Nanjungud (Mysore).
Nirūpama	...	Nanjungud Sri Kant Sastri

B. A. EXAMINATION.

Karnāṭaha Kavicharitra, Vol. I	..	Rao Bahadur R. Narasiuha Char.
(Introduction and pp. 1—100)		
Mudrā Manjūsha	...	R. Narayana (Wesleyan Press, Mysore.)
Karnāṭaha Panchatantram	..	Pandit Sitarama Sastri (Karnāṭaha Granthamala Series, No. 83.)

MARATHI.

MATRICULATION EXAMINATION.

Hindusthānātīl Yoddhyānchyā thoravī-		
chyā goshti	...	Hari Krishna Damle.
Chār charitrātmak lekh	...	Hari Madhava Pandit.
Sri Eknāth Mahārāj Yānche Charitra	..	Dhondo Balkrishna Sahasrabuddhe.

I. A. AND I. Sc. EXAMINATIONS.

Ātmoddhār	...	Nagesh Vasudev Gunagi.
Āmchyā āyushgātil athavan	...	Ramabai Ranade.
Gadālā pan Simha getā	...	Harinarayan Apte.

B. A. EXAMINATION.

Atma-vritta	...	Dhendo Kesav Karve.
Mahārāshtra-Kavi-Charitra, Part I	..	Jagannath Raghunath Ajgavkar.
Sri-Ramkrishna		

TELUGU.

MATRICULATION EXAMINATION.

Rajasekhara Charitram.	
Rukmini Kalyanam—Potarma.	
Vimaladevi.	
Ramayanam—Balakanda	... Molla.

I. A. AND I. Sc. EXAMINATIONS.

Pruphulla.	
Uttaragograhanam	... Tikkava.
Pandugakatnam	... Bhogaraza Narayanamurty.
Mirza Divyadarsanam.	
The influence of environment on body and mind	... K. Sreenivasarao.

B. A. EXAMINATION.

Manucharitram, Canto II.	
Sree Krishnarayabharam	... Bharatam.
Sukraneethisaram	... Tr. by Malladi Suryanarayana

List of Medallists, Scholarship-holders and Prize-winners for 1920.

ABINAS CHANDRA MEDAL.

Tha Hla ... Rangoon College.

ADHARCHANDRA MUKERJEE PRIZE.

Bandyopadhyay, Chaturanan ... Sarada Prasad Institution.

AMBIKACHARAN CHAUDHURI MEDAL

Nag, Surendrakumar ... B. E. College, Sibpore.

ARUNCHANDRA MEDAL AND PRIZE.

Hazra, Karunakumar ... Howrah Zilla School.

BANKIMBEHARI SEN MEDAL

Deb, Manindramohan ... Presidency College.

BANKIMCHANDRA MEDALS

Bhattacharyya, Sachindranath. ... Presidency College.
De, Asutosh ... South Suburban College.

BANKUBIHARI GUPTA PRIZE

Basu, Panchanan ... Medical College.

BIHARILAL BOSE MEMORIAL SCHOLARSHIP.

Basu, Susilkumar ... Konnagore H. E. School.

BISHNUPRIYA DEVI PRIZE.

Chakrabarti, Srinath ... Cotton College, Gauhati.

CHANDMONI DEVI—PRANDHAN KALI MEDAL

Mukhopadhyay, Panchugopal ... Kandi Raj H. E. School.
Sen, Binodechandra ... Behala H. E. School.

CLINT MEMORIAL PRIZE.

Das, Prabhakar ... S. C. College.

DR. RAI DEBENDRANATH RAY, BAHADUR MEDAL.

Basu, Panchanan ... Medical College.

DR. RAKHALDAS GHOSH PRIZE.

Chakrabartty, Anilkumar ... Medical College.

DUFF SCHOLARSHIPS.

Basu, Sudhendukumar, (Languages) ... Presidency College.
 Ray, Susilkumar (Mathematics) ... Ditto.
 Pal, Dhirendranath (1st in I.Sc. from
 S. C. College) ... Scottish Churches College.
 Mitchell, L. De F. (Best Christian
 Student in I.Sc.) ... Rangoon College.
 Basak, Kantichandra (Physics) ... Presidency College.
 Bhattacharyya, Taraprasanna (Chemis-
 try) ... Bangabasi College.

DWARKANATH SCHOLARSHIP.

Gangopadhyay, Renubhushan ... South Suburban School.

DWIJENDRALAL RAY SCHOLARSHIP AND PRIZE.

Bhattacharyya, Sachindranath ... Presidency College.

EMPEROR EDWARD VII CORONATION MEDAL.

Bhattacharyya Bibhutibhushan ... Medical College

ESHAN SCHOLARSHIP.

Deb, Manindramohan ... Presidency College.

GANGAMANI DEVI MEDAL.

Banerjee, Susama ... Bethune College.

GANGAMANI MEDAL.

Chattopadhyay, Sudhirschandra ... Sanskrit College.

GANGAPRASAD MEDAL.

Ray, Amiyakrishna ... Presidency College.

GEORGE V CORONATION MEDAL.

Samanta, Jharucharan	...	Uluberia H. E. School.
Bera, Gosthabihari	...	Jhikra H. E. School.
Bandyopadhyay, Kanjitkumar	...	Baluti H. E. School.
Mukhopadhyay, Dhirendranath	...	Howrah Ripon Collegiate School.

GOODEVE MEDAL.

Basu, Panchanan	...	Medical College.
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GUNENDRANATH MEDAL.

Bandyopadhyay, Chittaranjan	...	Ripon College.
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HARAKINKARI DEVI MEDAL.

Datta, Sabitri	...	Eden H. School for Girls Dacca.
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HARISCHANDRA PRIZE.

Mitra, Narendragopal	...	Presidency College.
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HEMENTAKUMAR MEDAL.

Bandyopadhyay, Manindranath	...	S. C. College.
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HERSCHEL MEDAL.

Mitra, Narendragopal	...	Presidency College.
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INGLIS MEMORIAL MEDAL AND PRIZE.

Medallist.

Hazra, Karunakumar	...	Howrah Zilla School.
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Prize Winner.

Datta, Sabitri	...	Eden H. School for Girls, Dacca.
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J. N. DUTT MEDAL.

Basu, Panchanan	...	Medical College.
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JATINDRA CHANDRA MEDAL AND PRIZE.

Medallist.

Chakrabartty, Dukhaharan	...	Sanskrit Collegiate School.
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Prize-winner.

Chakrabartty, Charuchandra	...	Hare School.
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JOYNARAYAN PRIZE.

Mukhopadhyay, Gaurgopal ... Krishnagore Collegiate School.

JHUMMA MEDAL.

Mukhopadhyay, Panchugopal ... Kandi Raj H. E. School.
Sen, Binodechandra ... Behala H. E. School.

JITENDRA SCHOLARSHIP.

Pal, Brajendranath ... Kandi Raj H. E. School.

JUBILEE POST GRADUATE SCHOLARSHIPS.

Majumdar, Susilkumar	...	Scottish Churches College.
Bhaduri, Sadananda	...	Presidency College.
Chakrabartty, Debabrata	...	Rangoon College.
Md. Mahfuzul Haque	...	Presidency College.
Sen, Binaychandra	...	Ditto.
Dasgupta, Kuladacharan	...	Ditto.
Deb, Manindramohan	...	Ditto.
Mitra, Narendragopal	...	Ditto.
Ray, Amiyakrishna	...	Ditto.
Ray, Bankimchandra	...	Ditto.
Chattopadhyay, Banabehari	...	Ditto.
Ghosh, Prakritikumar	...	Ditto.
Datta, Atulchandra	...	Non Collegiate Student.

JYOTISCHANDRA MEDAL.

Har, Sisirkumar ... Bangabasi College.

KALIDAS NAYARATNA MEDAL.

Chakrabartty, Atulkrishna ... Harinavi A. S. School.

KESABCHANDRA SEN MEDAL.

Datta, Sabitri .. Eden H. School for Girls, Dacca.
Bandyopadhyay, Manindranath ... S. C. College.

KING GEORGE AND QUEEN MARY CORONATION DURBAR MEDAL.

Md. Mahfuzul Haq ... Presidency College.

KIRTICHAND MACKENZIE MEDAL.

Raychaudhuri, Hemendranath ... Hindu School.
Majumdar, Birendrakumar ... Metropolitan Institution.

KISHORYMOHAN—HARAKINKARI SCHOLARSHIP.

Sen, Jyotischandra ... Chittagong College.
Md. Akkas Alikhan ... Rajshahi College.

MADHUSUDAN MEDAL.

The award made locally this year.

MANAKJEE RUSTOMJEE MEMORIAL SCHOLARSHIP AND MEDAL.

Chakrabartty, Anilkumar ... Medical College

MANMATHANATH BHATTACHARYYA MEDAL.

Mitra, Narendragopal ... Presidency College

MCCANN MEDAL.

Sarkar, Ramendranath ... Presidency College

MCLEOD MEDAL.

Basu, Panchanan ... Medical College

MOHINIMOHAN MITRA MEDAL.

Bakshi, Rakhahari ... Burdwan H. E. School

MOHINIMOHAN RAY MEDAL.

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Sarkar, Sukumarchandra ... Krishnath College, Berhampore

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Bhattacharyya, Taraprasanna ... Bangabasi College

NABINCHANDRA KUNDU PRIZE.

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NARASINGHA DATTA SCHOLARSHIP.

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N. N. GHOSH MEDAL.

Dasgupta, Kuladacharan ... Presidency College

NARAYANCHANDRA SEN MEDAL.

Sanyal, Sudhirkumar ... Howrah Zilla School
Ghosh, Nutbihari ... Bantra M. S. Palchaudhuri H. E. School

NAWAB ABDUL LATIF FATHER LAFONT SCHOLARSHIP.

Helen Kohn ... Rangoon College

PACHETE PRIZE.

Bhattacharyya, Sachindranath ... Presidency College

PADMAVATI MEDAL.

Rudra, Nalinibala ... Diocessan Collego

PARBATICHARAN RAY MEDAL.

Mukhopadhyay, Ramaprasad ... University Law College
Mitra, Atulcharan ... Ditto

PEARYCHAND MITRA MEDAL.

Abdul Malik ... Cotton College, Gauhati
Chaudhuri, Ranimohan ... S. C. College

PEDLER MEMORIAL MEDAL OR PRIZE.

De, Sureschandra ... }
Das, Rajanikanta ... } Rajshahi College

PHILIP SAMUEL SMITH PRIZE.

Das, Prabhakar ... S. C. College

PRASANNAKUMAR SARBADHIKARI MEDAL

Chakrabarti, Sripath ... Cotton College, Gauhati

PRASANNAMAYEE DEVI PRIZE.

Ghosh, Bela ... Bethune College

PRATAPCHANDRA MAJUMDAR MEDAL.

Basu, Hariprasad ... S. C. College

PREONATH DUTT LEGACY.

Mitra, Ushabala ... Bethune College
Banerjee, Sulatika ... Ditto

P. MOOKERJEE MEDAL.

Chakrabarti, Dukhaharan ... Sanskrit Collegiate School

QUINLAN MEDAL.

Raymitra, Manindranath ... Presidency College

RADHAKANTA MEDAL.

Bhaduri, Sadananda ... Presidency College

RAI ABHAYACHARAN MITRA, BAHADUR MEDAL.

Ray, Nirmalkumar ... Munshiganj H. E. School

RAI AMRITANATH MITRA, BA ADUR PRIZE.

Basu, Praphullakumar ... St. Xavier's College

RAI RADHIKA PRASANNA MUKERJEE, BAHADUR, MEDAL AND PRIZE.

Medallist.

Kar, Kalicharan ... Fultala Reunion H. E. School

Prize Winner.

Sarkar, Basantabihari ... Presidency College

RAI DR. SOORJEECOOMER SARBADHIKARI, BAHADUR, MEDALS.

(Gold Medallist .

1919 { Basumallik, Kanailal ... Medical College.

(Silver Medallist).

{ Basu, Ramranjan ... Medical College.

(Gold Medallist).

1920 { Basu, Panchanan ... Medical College.

(Silver Medallist).

{ Chakrabarti, Anilkumar ... Medical College.

RAIKISORI DASI AND DURGA DASI SCHOLARSHIP.

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RAJENDRANATH DUTT MEDAL.

Chattopadhyay, Jugalkisore ... Nibadhai H. E. School

RAJKRISHNA KSHETRAMANI SCHOLARSHIP.

Basu, Bimalkumar ... Pabna Zila School

Ray, Krishnagopal ... South Suburban School

RAMTANU LAHIRI MEDAL.

Bandyopadhyay, Manindranath ... S. C. College

RITCHIE PRIZE.

Chattopadhyay, Bireswar ... University Law College

Mukhopadhyay, Ramaprasad ... Ditto

SARADAPRASAD SCHOLARSHIP AND PRIZES.

Prize Winners

Basu, Sudhendukumar (English)	...	Presidency College.
Bhattacharyya, Sachindranath (Sanskrit)	...	Ditto
Chaudhuri, Santoshkumar (History)	...	South Suburban College.
Bardhan, Niranjanmohan (Logic)	...	Comilla Victoria College.
Ray, Susilkumar (Mathematics)	...	Presidency College.
Basak, Kanticharan (Physics)	...	Ditto
Bhattacharyya, Taraprasanna (Chemistry)	...	Bangabasi College.
Dasmajumdar, Satyendranath (Botany)	...	South Suburban College.

Scholar.

Acharyya, Subodhchandra	...	Central College.
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SARVESWARA AND PURNACHANDRA MEDAL.

Deb, Manindramohan	...	Presidency College.
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SIDHESWAR, SANTAMANI AND PASUPATI MEDALS.

Begum Sultan }	(Santamani Medallist)	Diocessan College.
Muwayyidzada }		
Basu, Panchanan (Pasupati Medallist)	...	Medical College.

SINDHUBALA DEVI MEDAL.

De, Asutosh	...	Presidency College.
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SREEKANTA SCHOLARSHIP.

Biswas, Surendranath	...	Taki Govt. School.
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STEPHEN FINNEY MEDAL

Mitra, Bijanchandra	...	Presidency College.
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TARAKNATH RAY (OF BHATPARA) PRIZE.

Halder, Bholanath	...	Hugli College.
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TAWNEY MEMORIAL PRIZE.

Guharay, Sailendranath	...	Presidency College.
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THAKURDAS BANERJEE SCHOLARSHIP.

Sen, Satisranjan	...	Barasat Govt. School.
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THAKURDAS KERR MEDAL.

Sen, Binaychandra	...	Presidency College.
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TREVOR MEDAL AND PRIZE .

Nag, Surendrakumar ... B. E. College, Sibpur.

TRIPUNDESWAR MITRA MEDAL.

Ray, Amiyakrishna ... Presidency College.

UMESCHANDRA SARVAMANGALA PRIZE.

Hazra, Karunakumar ... Howrah Zilla School.

VIDYASAGORE MEDAL.

Abdul Majid ... Presidency College.

WILLIAM SMITH MEMORIAL PRIZE

Bandyopadhyay, Manindranath ... S. C. College.

WOODROW SCHOLARSHIP.

Sinha, Nripendranath ... Presidency College

WOOMESCHANDRA MOOKERJEE MEDAL.

Dasgupta, Santiprabha ... Bethune College.

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